

## **Historic, Archive Document**

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ESTABLISHED  
1875

ONE OF  
AMERICA'S FOREMOST  
NURSERIES

52<sup>nd</sup> YEAR  
OF  
ACTIVE SERVICE  
by *Ed Welch*  
PRESIDENT

WHOLESALE  
BULLETIN  
NO. 1

WITH GRADE COUNTS

March 18, 1943

QUALITY WITH SERVICE  
DON'T DELAY ORDERING

Phones 384-385  
Wire Western Union

MOUNT ARBOR NURSERIES

SHENANDOAH, IOWA



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## Terms and Conditions of Sale

**TERMS**—2% Discount if paid by the first of the second month following date of invoice, and is due Net thereafter. Additional 1% Discount if paid within 10 days from date of invoice.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

**PRICES** named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

### **FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):**

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

### **SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:**

300 of same variety and grade at 1,000 rates

Under 300 of same variety and grade at 100 rate

### **EVERGREENS, B & B**

30 trees (any assortment) at 100 rate

5 trees (any assortment) at 10 rate

### **FALL AND SPRING BULBS**

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

### **ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.**

**SHIPPING**—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

**TRUCK SERVICE**—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

**CAUTION**—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All contracts are subject to war priorities on materials, transportation and other causes arising that may limit, restrict or make impossible performance thereunder.

**GUARANTEE OF GENUINENESS**—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

**Claims** for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

**SPECIAL NOTICE**—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

MARCH 18, 1943

## **MOUNT ARBOR NURSERIES**

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

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**HEIGHT AND CALIPER**—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN**.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

**APPLE and CRAB**

	Per 10 Per 100 Per 1000					
First Class, 11-16 to $\frac{7}{8}$ -inch, 4½ feet and up	\$3.50	\$31.00	\$280.00			
" " 9-16 to 11-16, 4 feet and up	2.90	25.00	230.00			
" " 7-16 to 9-16, 3 feet and up	2.40	20.00	180.00			
" " 5-16 to 7-16, 2 feet and up	1.90	16.00	140.00			
" " $\frac{7}{8}$ -inch and up, 5 feet and up	4.50	40.00				
" " 1 to 1¼ inch, 5 feet and up	5.00	45.00				
	11-16	9-16	7-16	5-16	7-8	1 inch
*Anoka	250			100	220	
*Baldwin		80	100		55	
*Beacon (Minn. No. 423)	480	350	320	190		
Ben Davis	390	60	340	150		
Black Ben Davis	90		80	60		
Chenango	125	120	60			
*Cortland	800	200		100	120	
Crimson Beauty (Ea. Red Bird)	140	290	125	20	75	
Delicious	750	220			70	
*Delicious Dark Red	1680	200			250	
*Delicious Yellow	1150	200	120		800	
*Dolgo	1120	520		20	130	300
*Duchess	480	360	450	80	20	
*Duchess Red	600	550	480			
*Early Harvest	190	420	340	160		
*Fameuse	400	250	50	25	100	
Flame Crab (Minn. No. 635)	420	200	70			
Florence Crab	140	180	90	10		
Forest Winter	120	140	70	15		
Golden Russet		400	100			
*Gravenstein Red		65	50			
*Grimes Golden	780	150			490	
*Haralson	1290	1100	450		50	460
Hawkeye Greening	300	300		20	35	
Hyslop Crab	480	320	380	80		
*Ingram	260	140	120	40		
*Janet		30	20			
*Joan	320	250		20	300	
*Jonathan	1740	600	300	110	200	
*Jonathan Dark Red	1200	450	220	280	180	70
Kendall	120	240		200		
King of T. Co.		80	40			50
Liveland	280	260	180	30		
*Lobo	50	50	30	10		
Macoun		400	200	25		
Maiden Blush	150	200	40	15	22	
Malinda	400	400	220			
Mam. Black Twig	350	180	40			
McIntosh	900	1200	580	120		
*McIntosh Black Mickey	1060	1100	480	270	110	
McIntosh Early	480	390	120	30	70	130
Milton	390	90	40		50	
*Minjon (Minn. No. 700)	140				80	
*Minnesota (No. 993)	420	60			40	
Minnesota No. 638	150	40	10			
Minnesota No. 790	300	90	45		120	
Minnesota No. 714	20	240	65	25		
Missouri Pippin	220	130	50	20	10	
*Newfane	520	290	100			50
Northern Spy	1270	720	220	60	180	

## APPLE AND CRAB—(Continued)

	11-16	9-16	7-16	5-16	7-8	1 inch
*Northern Spy Red	450	280	100	50	30	----
N. W. Greening	460	300	----	----	80	----
Pattens Greening	65	20	10	----	5	10
*Prairie Spy (Minn. No. 1007)	470	130	100	20	190	----
*Ramsdell Sweet	30	----	----	10	----	----
*Red Astrachan	260	400	200	60	----	----
Red Canada	80	210	160	----	----	----
Red June	220	260	50	160	----	----
Red Siberian Crab	380	120	80	20	----	----
R. I. Greening	----	70	20	----	----	----
Romanstem	190	160	130	----	----	----
Rome Beauty	180	140	----	10	----	----
*Rome Beauty Red	510	550	120	220	40	----
Rox Russet	70	50	35	10	----	----
*St. Lawrence	200	140	90	30	----	----
Salome	520	300	60	20	----	----
*Sharon	540	190	80	----	20	----
Stayman Red	380	----	20	----	110	----
Stayman Winesap	290	----	----	----	----	----
Sweet Russett Crab	185	65	----	14	----	----
Tetofski	90	110	60	10	----	----
*Tolman Sweet	800	400	150	60	45	----
Transcendent Crab	220	50	20	----	----	----
*Turley	380	80	60	----	150	----
Twenty Oz. Pippin	50	100	70	----	----	----
Wagener	250	170	----	----	----	----
*Wealthy	400	----	180	560	----	----
*Whitney Crab	620	450	340	260	120	95
Willow Twig	130	50	10	----	----	----
Windsor Chief	230	160	30	5	----	----
Winesap	580	300	120	----	----	----
*Winesap Crimson	1260	300	225	100	----	----
*Wolf River	150	40	20	----	----	----
*Yellow Transparent	380	190	----	340	----	----
York Imperial	160	30	----	----	----	----
*Varieties starred (*) can be furnished in budded trees.						

## DESCRIPTIONS—NEW AND SPECIAL VARIETIES

**Beacon**, (Minnesota No. 432), vigorous and extremely hardy Minnesota seedling. Fruit deep red; flesh yellowish and quality good. Duchess season but a better keeper.

**Crimson Beauty** (Ea. Red Bird) attractive, well colored apple, mottled and striped red. One of the earliest ripening varieties.

**Dolgo**, hardy fiery red Crab, desirable for culinary uses; bears young and abundantly. Good for ornamental purposes.

**Flame Crab**, (Minnesota No. 635), a hardy Minnesota seedling producing a dense mass of white flowers shaded faint pink, followed by an immense load of small, brilliantly colored fruits of excellent quality.

**Hawkeye Greening**, annually productive, hardy, large green apple. October to March; one of the best apples for culinary use.

**Joan**, an Iowa cross of Anisim and Jonathan; a productive large red apple of beautiful color. Popular for home market.

**Kendall**, a cross between McIntosh and Zusoff. Fruit a solid dark red; McIntosh season and a better keeper.

**Lobo**, a Canadian introduction, preceding its parent, McIntosh, in season. A larger and darker red hanging to the tree better than McIntosh.

**Macoun**, dark red, less striped, white fleshed, highly flavored McIntosh type of apple. Ripens 30 days later than McIntosh. Regular heavy bearer.

**McIntosh**, **Black Mickey**, superior dark red and early coloring strain from western New York. Highly recommended.

**McIntosh Early**, ripens six weeks before McIntosh; two weeks later than Transparent. Handsome red color and pleasing taste.



## DESCRIPTIONS—NEW AND SPECIAL VARIETIES—Continued

- Melba**, a McIntosh seedling from Canada. Color bright crimson over pale yellow. Season ahead of Early McIntosh and variety is adapted for home market.
- Milton**, cross of Transparent and McIntosh ripening in Wealthy season. Tree hardy and vigorous. Fruit pinkish-red, flesh white with McIntosh flavor and aroma.
- Minjon** (Minnesota No. 700), a fall and early winter apple of about Wealthy season but a slightly better keeper; size medium, comparable to Jonathan. Color dark attractive red; flesh yellowish; flavor mild sub-acid; quality good. Very hardy.
- Minnesota No. 993**, large mid-to-late winter apple, medium red color over a greenish yellow. Quality very good.
- Minnesota No. 638**, fair size, mid-winter apple; dark red; flesh medium coarse; flavor mildly sub-acid; quality good. Late in maturing and hangs to tree well.
- Minnesota No. 790**, large mid-winter apple of M. B. Twig type. Its dull red color gives it a rich appearance. Quality good, excellent cooking and a very satisfactory dessert apple.
- Minnesota No. 714**, early summer apple, medium or above in size and bright red stripe over yellow, well colored ground. Quality good.
- Newfane**, resembles a red colored sport of Delicious. Ripens with Delicious but keeps much longer.
- Prairie Spy** (Minnesota No. 1007), medium size, late winter apple shaped like Wealthy but late in maturing and not ready for use until about Christmas. Color bright red over a yellow ground. Excellent keeper and of great promise.
- Sharon**, new Iowa introduction of good quality and extremely hardiness. Excellent for home plantings. Color is striped red and green. Good keeper and disease resistant. A McIntosh cross.
- Winesap Crimson**, a gorgeous colored dark crimson Winesap sport averaging larger in size than the parent, the common Winesap. Originated in the Yakima Valley, Washington. Keeps in an ordinary outdoor cave until the middle of June.

## APPLE—Hardy Understocks

We offer the following varieties of Apple and Crab, branched trees, suitable as understocks for top working purposes.

			Per 10	Per 100	Per 1000
First Class, 11-16 to 1-inch, 4½ feet and up			\$3.50	\$30.00	\$ ----
" " 9-16 to 11-16, 4 feet and up			2.90	25.00	----
" " 7-16 to 9-16, 3 feet and up			2.40	20.00	----
" " 5-16 to 7-16, 2 feet and up			1.60	----	----
" " 7-8 inch, 5 feet and up			4.50	----	----
	11-16	9-16	7-16	5-16	7-8
Hibernal	1100	350	100	25	----
Virginia	420	60	40	15	50

## CHERRIES—Sour—On Mahaleb

			Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up			\$5.00	\$45.00	\$400.00
" " 9-16 to 11-16, 3½ feet and up			4.40	38.00	350.00
" " 7-16 to 9-16, 3 feet and up			3.50	31.00	280.00
" " 1 to 1¼ inch, 5 feet and up			5.50	50.00	----
" " 1¼ to 1½ inch, 5 feet and up			6.50	60.00	----
	11-16	9-16	7-16	1 inch	1¼ inch
Early Richmond	----	----	420	----	180
English Morello	----	500	400	----	----
Montmorency Large	560	1180	1450	900	200
Montmorency (On Mazzard)	230	180	75	----	----
			Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up			\$5.00	\$45.00	\$400.00
" " 9-16 to 11-16, 3 feet and up			4.40	38.00	350.00
" " 7-16 to 9-16, 2½ feet and up			3.50	31.00	280.00
" " 5-16 to 7-16, 2 feet and up			2.40	20.00	----
		11-16	9-16	7-16	5-16
Early Richmond	----	----	175	160	----
English Morello	----	----	180	150	----
Montmorency Large	----	----	720	1270	2980

**CHERRIES—Sweet**

One and Two Year on Mahaleb.	Per 10	Per 100	Per 1000
9-16 to 11-16, 4 feet and up, branched	\$4.50	\$40.00	\$
9-16 to 11-16, 4 feet and up, whips	4.00	35.00	----
7-16 to 9-16, 3 feet and up, whips and branched	3.70	32.00	----
5-16 to 7-16, 2½ feet and up, whips	2.90	25.00	----
	branched	whips	whips
	9-16	9-16	7-16 5-16
Bing	----	----	110 160
Black Tartarian	----	----	400
Gov. Wood	50	120	250 100
Lambert	90	80	100 100
Napoleon	260	----	160
Schmidts Big	130	100	200 350
Windsor	80	160	180
Yellow Glass	----	110	----

**PLUM**

Two Years, 11-16 and up, 4½ feet and up	Per 10	Per 100	Per 1000
" " 9-16 to 11-16, 4 feet and up	\$5.00	\$45.00	\$
" " 7-16 to 9-16, 3 feet and up	4.30	38.00	----
" " 5-16 to 7-16, 2 feet and up	3.50	30.00	----
	2.60	22.00	----

**EUROPEAN, Two Years, on Myrobolan**

	11-16	9-16	7-16	5-16
German Prune	70	90	120	60
Grand Duke	30	50	45	10
Italian Prune	90	----	----	40
Lombard	----	90	90	180
Monarch	160	140	80	15
Reine Claude	60	----	----	----
Shrop Damson (On Peach)	----	90	90	----
Stanley Prune	120	110	180	----
Yellow Egg	30	10	10	10

**JAPAN, One and Two Years, on Myrobolan**

	11-16	9-16	7-16	5-16
Abundance	30	25	30	----
Burbank	----	----	40	120
Red June	----	----	50	40

**PLUM**

	Per 10	Per 100	Per 1000
11-16 and up, 4½ feet and up	\$5.00	\$45.00	\$
1 to 1¼ inch, 5 feet and up	5.50	50.00	----

**AMERICAN and HARDY HYBRIDS, One and Two Years, on Native Roots**

	11-16	1 inch
Compass	60	30
Elliott	130	30
Ember (Minn No. 83)	60	40
Fiebing	60	15
Golden Rod	110	40
Kahinta	130	90
La Crescent	50	40
Monitor	40	30
Opata	----	15
Sapa	----	35
Superior (Minn. No. 194)	60	----
Surprise	----	15
Terry's Desoto	60	10
Toka	90	100
Tonka	60	----

**Ember, (Minnesota No. 83),** an attractive yellow Plum blushed with red, ripening September and early October. Tree is vigorous and productive.

**Pipestone (Minnesota No. 218)** an extra large, early red plum of high quality. Ripens early August, immediately after Underwood.



## PEAR—Standard

			Per 10	Per 100	Per 1000
Two Years, 11-16 and up, 4½ feet and up			\$4.00	\$35.00	\$ ----
" " 9-16 to 11-16, 4 feet and up			3.20	28.00	----
" " 7-16 to 9-16, 3 feet and up			2.50	22.00	----
" " 5-16 to 7-16, 2 feet and up			1.90	16.00	----
" " 1 to 1¼ inch			5.00	45.00	----
	11-16	9-16	7-16	5-16	1 inch
*Bantam (Minn. No. 3)		120	75	35	----
Bartlett		170	----	----	----
B. de Anjou	30	140	----	----	----
*Beurre Bosc		----	160	200	----
*Bierschmidt		75	150	60	----
Clapps Favorite	90	220	----	----	----
Duchess	170	120	----	----	40
Flemish Beauty	150	90	----	----	20
*Gorham		25	10	----	----
Le Conte	20	----	----	----	----
*Mendel	60	240	110	180	----
*Parker		130	----	40	----
*Patten		10	300	60	----
Seckel		420	170	60	----
Sheldon	180	100	85	25	----
*Vermont Beauty	180	190	100	25	----
*Waite	40*	100	35	20	----
*Starred varieties 2¢ higher per grade.					

**Bantam (Minn. No. 3)**, a medium sized pear reported to be immune from blight and ripening early in season. Very hardy.

**Waite**, a blight resistant variety, ripening in Kieffer season, almost as large as Bartlett, which it resembles in shape. Flesh is smooth in texture; a little more acid than Bartlett, but excellent for cooking, canning and fairly good for dessert. Needs pollinization.

## PEACH

			Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up			\$2.90	\$25.00	\$ ----
" " 9-16 to 11-16, 3½ feet and up			2.60	22.50	200.00
" " 7-16 to 9-16, 3 feet and up			2.10	18.00	150.00
" " 5-16 to 7-16, 2 feet and up			1.60	13.00	110.00
" " 2 to 3 feet, under 5-16			1.20	10.00	85.00
	11-16	9-16	7-16	5-16	2-3
Belle of Georgia	60	80	220	300	120
Champion	140	90	160	----	320
Crawford's Early		----	----	70	----
Crawford's Late		----	110	20	----
Delicious	10	----	160	----	20
Early Elberta	160	----	----	180	200
Early Wheeler	130	65	140	----	----
Eclipse		----	50	70	----
Elberta	70	190	160	540	----
Golden Jubilee	680	370	----	340	----
Halehaven	460	310	450	1100	----
Heath Cling		----	90	----	250
J. H. Hale	90	----	----	1050	260
Marquette	15	15	60	20	----
Polly	180	----	690	480	360
*Redhaven		----	280	----	----
Rochester		----	170	----	----
Shippers Late Red	150	220	50	60	----
South Haven		----	----	350	----
*Redhaven prices 5¢ higher per grade.					

**Redhaven**, an introduction of South Haven Michigan Experimental Station; an early Peach ripening thirty days before Elberta with excellent color and fine flavor, comparable with Halehaven.

## SMALL FRUITS

## GRAPE VINES—Western New York Grown

		Per 100	Per 1000
	Tied, 2 year, 50; No. 2, 100, per bundle		
300	Agawam (Roger's 15) large red, 2 years, No. 1	\$ 7.50	\$ 65.00
1600	" " " 2 years, No. 2	5.00	45.00
200	Beta, black, 2 years, No. 1	7.00	60.00
700	" " 2 years, No. 2	5.00	45.00
200	Brighton, dark red, 2 years, No. 1	7.50	65.00
500	" " 2 years, No. 2	5.00	45.00
500	Caco, red, 2 years, No. 1	9.00	80.00
600	" " 2 years, No. 2	7.00	60.00
250	Campbell's Early, choice black, 2 years, No. 1	7.50	65.00
300	" " " 2 years, No. 2	5.00	45.00
350	Catawba, red, 2 years, No. 1	7.50	65.00
300	" " 2 years, No. 2	5.00	45.00
6000	Concord, black, 2 years, No. 1	5.00	45.00
9000	" " 2 years, No. 2	3.50	30.00
200	Delaware, red, 2 years, No. 1	7.50	65.00
400	" " 2 years, No. 2	5.00	45.00
300	Diamond, white, 2 years, No. 1	7.00	60.00
200	" " 2 years, No. 2	4.50	40.00
950	Fredonia, new, early, black, valuable, 2 years, No. 1	7.50	65.00
3100	" " " 2 years, No. 2	5.00	45.00
1000	Moore's Early, black, 2 years, No. 1	7.50	65.00
1100	" " 2 years, No. 2	5.00	45.00
900	Niagara, white, 2 years, No. 1	7.50	65.00
1100	" " 2 years, No. 2	5.00	45.00
100	Portland, white, 2 years, No. 1	8.00	70.00
250	" " 2 years, No. 2	5.50	50.00
300	Worden, black, 2 years, No. 1	7.00	60.00
600	" " 2 years, No. 2	4.50	40.00

## CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
900	Cherry, dark red, 2 years, No. 1	\$ 8.00	\$ 70.00
1100	" " 2 years, No. 2	5.50	50.00
60	Diploma, light red, 2 years, No. 1	8.00	
200	" " 2 years, No. 2	5.50	50.00
500	Fay's Prolific, dark red, 2 years, No. 1	8.00	70.00
1150	" " 2 years, No. 2	5.50	50.00
400	Perfection, bright red, 2 years, No. 1	9.00	80.00
1050	" " 2 years, No. 2	6.50	60.00
1200	Red Cross, bright red, 2 years, No. 2	5.50	50.00
550	Red Lake, light red, 2 years, No. 2	8.50	75.00
150	White Grape, white, 2 years, No. 2	5.00	
1250	Wilder, dark red, 2 years, No. 2	5.00	45.00

## RASPBERRIES

Until digging is completed, we are unable to offer Raspberries. When present orders are filled, we may have some varieties to offer.

## BLACKBERRIES—Root Cutting Plants

Tied 25 per bundle

		Per 100	Per 1000
1200	Alfred, No. 2	\$ 1.90	\$ 16.00
300	Blowers, No. 1	2.60	22.00
2500	Early Harvest, No. 1	2.40	20.00
3000	" " No. 2	1.70	14.00
2150	Eldorado, No. 2	1.90	16.00
2000	Iceberg, No. 1	2.10	18.00
400	Mersereau, No. 1	2.40	



**SMALL FRUITS—Continued**

<b>MISCELLANEOUS BERRIES</b>			Per 100	Per 1000
5000	Lucretia Dewberries,	R. C. Plants, No. 1.....	\$ 2.40	\$ 20.00
5000	"	" R. C. Plants, No. 2.....	1.80	15.00

<b>MISCELLANEOUS</b>			Per 100	Per 1000
5200	Horseradish, Cuttings	.....	\$ 1.80	\$ 15.00
1500	"	Crowns	4.00	35.00
5000	Rhubarb, Victoria,	whole roots, $\frac{3}{8}$ to $\frac{1}{2}$ inch.....	1.40	12.00
3400	"	" " " $\frac{1}{2}$ to $\frac{5}{8}$ inch.....	2.10	18.00
3060	"	" " " $\frac{5}{8}$ to 1-inch.....	2.60	22.00
2500	"	" " " 1 to 1 $\frac{1}{2}$ inch.....	3.20	28.00
1500	"	" " " 1 $\frac{1}{2}$ -inch and up.....	4.50	40.00

		Per 10	Per 100
300	Rhubarb, Chipman's Red, grown from divisions...	\$ 5.50	\$ 50.00
700	Rhubarb, McDonald, grown from divisions.....	2.10	18.00

**STRAWBERRIES—Shenandoah Grown**

	Per 100	Per 1000		Per 100	Per 1000
Blakemore	\$0.45	\$4.00	Premier	\$0.70	\$6.00
Dorsett	.70	6.00	Senator Dunlap	.45	4.00
Fairfax	.70	6.00			
Gem, EVERBEARING				1.20	10.00
Wayzata, EVERBEARING				3.20	28.00

**FRUIT TREE STOCKS—American Grown**

We specialize in growing and distributing fruit tree stocks, maintaining an extensive plant in the State of Washington.

<b>APPLE SEEDLINGS—Washington Grown</b>			Per 100	Per 1000
15000	No. 2, 2-16 to 3-16, Branched, strong.....		\$ 1.40	\$ 12.00
32000	No. 3, about 2-16.....		.80	7.00

<b>CHERRY MAHALEB—Washington Grown</b>				
10000	$\frac{1}{4}$ inch and up.....		2.90	25.00
12500	No. 3, about 2-16.....		1.20	10.00

<b>CHERRY MAZZARD—Washington Grown</b>				
5000	No. 1, 3-16 and up.....		2.10	18.00
3000	No. 2, 2-16 to 3-16.....		1.70	14.00
6000	No. 3, about 2-16.....		1.20	10.00

**PEAR SEEDLINGS—Washington Grown****Bartlett**

12000	$\frac{1}{4}$ inch and up, Branched.....	3.50	30.00
11000	No. 1, 3-16 to 1-4 inch, Straight.....	2.40	20.00
14000	No. 2, 2-16 to 3-16, Branched.....	2.10	18.00
22000	No. 3, about 2-16 inch.....	1.40	12.00

**Serotina**

7500	$\frac{1}{4}$ inch and up, Branched.....	4.00	35.00
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**PLUM MYROBOLAN—Washington Grown**

45000	No. 3, about 2-16.....	1.20	10.00
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**PLUM NATIVE—Shenandoah Grown**

7100	$\frac{1}{4}$ -inch and up.....	2.40	20.00
4200	No. 1, 3-16 and up.....	1.90	16.00
29000	No. 2, 2-16 to 3-16.....	1.40	12.00
19000	No. 3, about 2-16.....	.80	7.00

## ROSE STOCKS

MULTIFLORA JAPONICA—One Year Rooted Cuttings, Thornless		Per 100	Per 1000
5000	¼-inch and up.....	\$ 2.10	\$ 18.00
14000	No. 1, 3-16 and up.....	1.90	16.00
SEEDLINGS—Shenandoah Grown			
12200	¼-inch and up.....	1.90	16.00
20800	No. 1, 3-16 and up.....	1.40	12.00
14000	No. 1, 3-16 and up.....	1.90	16.00
7500	No. 3, about 2-16.....	.60	5.00

## DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

ASH, GREEN, <i>Fraxinus lanceolata</i>		Per 100	Per 1000
3000	6 to 12 inches.....	\$ 0.45	\$ 4.00
2500	12 to 18 inches.....	.70	6.00
4000	18 to 24 inches.....	1.00	9.00
5000	2 to 3 feet.....	1.40	12.00
9000	3 to 4 feet.....	1.90	16.00
1500	4 to 5 feet.....	2.90	25.00
ASH, WHITE, <i>Fraxinus americana</i>			
2000	12 to 18 inches.....	.80	7.00
4000	18 to 24 inches.....	1.20	10.00
8000	2 to 3 feet.....	1.70	14.00
11500	3 to 4 feet.....	2.10	18.00
3900	4 to 5 feet.....	3.20	28.00
BOX ELDER, <i>Acer negundo</i>			
800	6 to 12 inches.....	.45	4.00
1100	12 to 18 inches.....	.80	7.00
900	3 to 4 feet.....	2.40	20.00
200	4 to 5 feet.....	3.50	---
CARAGANA arborescens, Siberian Pea-Tree			
1900	6 to 12 inches.....	.70	6.00
3000	18 to 24 inches.....	1.40	12.00
4000	2 to 3 feet.....	1.90	16.00
900	3 to 4 feet.....	2.40	20.00
CATALPA Speciosa, Western Catalpa, tops damaged by frost.			
10000	6 to 12 inches.....	.45	4.00
3900	12 to 18 inches.....	.80	7.00
2300	2 to 3 feet.....	1.90	16.00
ELM, AMERICAN WHITE, <i>Ulmus americana</i>			
22000	6 to 12 inches.....	.40	3.50
24000	12 to 18 inches.....	.70	6.00
16000	18 to 24 inches.....	1.00	9.00
19000	2 to 3 feet.....	1.40	12.00
3100	3 to 4 feet.....	2.10	18.00
ELM, CHINESE, <i>Ulmus pumila</i>			
We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade are spring dug.			
47000	6 to 12 inches.....	.45	4.00
35000	12 to 18 inches.....	.70	6.00
89000	18 to 24 inches.....	1.00	9.00
95000	2 to 3 feet.....	1.40	12.00
72000	3 to 4 feet.....	2.10	18.00
59000	4 to 5 feet.....	2.90	25.00
26000	5 to 6 feet.....	5.50	50.00
8000	6 to 8 feet.....	8.00	70.00



## DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

**HACKBERRY, *Celtis occidentalis***

	Per 100	Per 1000
4200 6 to 12 inches.....	\$ 0.80	\$ 7.00
4000 12 to 18 inches.....	1.40	12.00

**HANSEN BUSH CHERRY, Improved *Prunus besseyi*.**

1500 6 to 12 inches.....	1.20	10.00
5000 12 to 18 inches.....	1.80	15.00
1450 18 to 24 inches.....	2.90	25.00

**LOCUST, BLACK or YELLOW, *Robinia pseudoacacia***

4000 6 to 12 inches.....	.45	4.00
4000 12 to 18 inches.....	.80	7.00
3000 18 to 24 inches.....	1.20	10.00
4000 2 to 3 feet.....	1.70	14.00
6700 3 to 4 feet.....	2.10	18.00

**LOCUST HONEY, *Gleditsia triacanthos***

600 Thornless, inermis, 6 to 12 inches.....	.80	7.00
1400 " " 12 to 18 inches.....	1.20	10.00
2000 " " 18 to 24 inches.....	1.80	15.00

**MAPLE, SILVER LEAVED, *Acer dasycarpum***

2100 6 to 12 inches.....	.45	4.00
5000 12 to 18 inches.....	.80	7.00
4000 18 to 24 inches.....	1.20	10.00
6000 2 to 3 feet.....	1.80	15.00
4300 3 to 4 feet.....	2.90	25.00
1600 4 to 5 feet.....	4.50	40.00
460 5 to 6 feet.....	6.00	-----

**MULBERRY, RUSSIAN, *Morus tatarica*.**

14000 6 to 12 inches, tops cut back to 10 inches.....	.45	4.00
3000 12 to 18 inches, " " " " 12 ".....	.95	8.00
4000 18 to 24 inches, " " " " 14 ".....	1.40	12.00
11000 2 to 3 feet, " " " " 16 ".....	1.80	15.00

**OAK, Pin, *Quercus palustris***

9500 9 to 12 inches.....	2.90	25.00
16000 12 to 18 inches.....	4.00	35.00
12500 18 to 24 inches.....	6.50	55.00
11000 2 to 3 feet.....	8.50	75.00
2200 3 to 4 feet.....	14.00	120.00

**Red, *Quercus rubra***

3000 9 to 12 inches.....	3.70	35.00
2700 12 to 18 inches.....	4.50	40.00
1200 18 to 24 inches.....	6.50	60.00
200 2 to 3 feet.....	9.00	-----

**Scarlet, *Quercus coccinea***

2200 9 to 12 inches.....	3.70	32.00
1000 12 to 18 inches.....	4.50	40.00

**White, *Quercus alba***

1400 9 to 12 inches.....	3.70	32.00
975 12 to 18 inches.....	5.00	45.00

**OSAGE ORANGE, *Maclura pomifera***

10000 6 to 12 inches, tops cut back to 8 inches.....	.40	3.50
3000 18 to 24 inches, " " " " 16 ".....	1.00	9.00
5000 2 to 3 feet, " " " " 20 ".....	1.40	12.00

**DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued**

<b>RED BUD, <i>Cercis Canadensis</i> (Grown from Northern seed)</b>		<b>Per 100</b>	<b>Per 1000</b>
1800	6 to 12 inches	\$ 1.40	\$ 12.00
1500	12 to 18 inches	2.10	18.00
1600	18 to 24 inches	2.90	25.00
900	2 to 3 feet	4.50	40.00

<b>RUSSIAN OLIVE, <i>Elaeagnus angustifolia</i></b>			
14000	6 to 12 inches	.95	8.00
2000	12 to 18 inches	1.40	12.00
2000	18 to 24 inches	2.10	18.00
2200	2 to 3 feet	2.90	25.00

<b>WALNUT, BLACK, <i>Juglans nigra</i></b>			
800	2 to 3 feet	3.50	30.00
2400	3 to 4 feet	4.50	40.00

**ONE YEAR FROM CUTTINGS**

<b>POPLAR, <i>Populus</i></b>		<b>Per 100</b>	<b>Per 1000</b>
900	Carolina (Norway Variety) whips, 18 to 24 inches	\$ 2.10	\$ 18.00
800	" " " whips, 2 to 3 feet	2.90	25.00
650	" " " whips, 3 to 4 feet	4.00	35.00
175	" " " 4 to 5 feet, lightly br.	5.00	---
3000	Lombardy whips, 12 to 18 inches	2.50	22.00
2800	" " 3 to 4 feet	5.00	45.00
5200	" lightly branched, 4 to 5 feet	7.00	60.00
2100	" " 5 to 6 feet	9.00	80.00

<b>WILLOW, <i>Salix</i></b>			
1700	Russian Golden ( <i>Vitellina</i> ) 12 to 18 inches	1.20	10.00
1700	" " " 18 to 24 inches	1.80	15.00
2800	" " " 2 to 3 feet	2.40	20.00
1400	" " " 3 to 4 feet	2.90	25.00

**DECIDUOUS TREES**

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

**BALLING AND BURLAPPING EXTRA.** The following prices are made to cover ordinary size balls, a ball large enough to safely transplant the trees.

	<b>Each</b>		<b>Each</b>
3 to 4 feet	\$0.45	1¼-inch caliper	\$2.25
4 to 5 feet	.65	1½-inch caliper	3.00
5 to 6 feet	.85	2-inch caliper	3.75
6 to 8 feet	1.25	2½-inch caliper	4.50
8 to 10 feet	1.75	3-inch caliper	5.50

Balling and burlapping on larger sized trees quoted on request.

**ASH, European, *Fraxinus excelsior*, 100 ft.**

Tall growing with spreading habit; dark green foliage.

	<b>Per 10</b>	<b>Per 100</b>	<b>Per 1000</b>
80 5 to 6 feet	\$4.00	\$35.00	\$ ----
60 6 to 8 feet	5.50	50.00	----
10 8 to 10 feet	8.00	----	----

**Green, lanceolata, 50-60 ft.**

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

220	3 to 4 feet	1.80	15.00	----
350	4 to 5 feet	2.40	20.00	----
690	5 to 6 feet	2.90	25.00	----
1900	6 to 8 feet	4.50	40.00	----
1270	8 to 10 feet	7.00	65.00	----
850	1½ to 2 inches	11.00	100.00	----
50	2 to 2½ inches	16.50	----	----



## DECIDUOUS TREES—Continued

## ASH—Continued

Red, *pennsylvanica*, 50-60 ft.

Variety of green ash. Tall, pyramidal habit of growth; hardy over a wide area.

		Per 10	Per 100	Per 1000
90	4 to 5 feet.....	\$2.90	\$25.00	\$ ----
270	5 to 6 feet.....	3.50	30.00	----
300	6 to 8 feet.....	5.00	45.00	----
30	8 to 10 feet.....	7.50	----	----

BIRCH, Cutleaf Weeping, *Betula laciniata*, 30-40 ft.

A graceful, white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

150	4 to 5 feet, Balled in Moss.....	7.00	65.00	----
120	5 to 6 feet, " " ".....	10.00	90.00	----
450	6 to 8 feet, " " ".....	14.00	125.00	----
150	8 to 10 feet, " " ".....	19.00	175.00	----

European White, *Betula alba*, 30-40 ft.

A hardy attractive tree with white bark.

90	5 to 6 feet.....	5.50	50.00	----
125	6 to 8 feet.....	8.00	75.00	----
130	8 to 10 feet.....	11.00	100.00	----
120	1¼ to 1½ inches.....	13.00	120.00	----
190	1½ to 1¾ inches.....	15.50	140.00	----
200	1¾ to 2 inches.....	19.00	175.00	----
250	2 to 2½ inches.....	25.00	235.00	----
60	2½ to 3 inches.....	30.00	----	----

Paper or Canoe, *Betula papyrifera*, 40-50 ft.

Picturesque, paper bark, very white when older.

15	5 to 6 feet.....	8.00	----	----
20	6 to 8 feet.....	10.00	----	----
15	8 to 10 feet.....	13.50	----	----
30	1¼ to 1½ inches.....	17.50	----	----
30	1½ to 2 inches.....	22.50	----	----
40	2 to 2½ inches.....	27.50	----	----

## BOX ELDER, See Maple.

## BUTTERNUT, See Walnut.

CATALPA, *bungei*, Umbrella Catalpa, 12-18 ft.

Vigorous, large, dark green leaves, used for formal planting.

40	4 to 5-foot stems, one year heads.....	5.50	----	----
80	5 to 6-foot stems, one-year heads.....	7.50	70.00	----
60	4 to 5-foot stems, 2-year heads.....	7.50	70.00	----
70	5 to 6-foot stems, 2-year heads.....	10.00	90.00	----
40	6 to 7-foot stems, 2-year heads.....	12.00	----	----

Western Catalpa, *speciosa*, 30-35 ft.

Well known hardy tree. White flowers, May-June.

60	6 to 8 feet.....	4.50	40.00	----
75	8 to 10 feet.....	6.50	60.00	----
65	1½ to 2 inches.....	8.50	80.00	----

## DECIDUOUS TREES—Continued

## CRAB, Flowering Malus. 12-20 ft.

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$3.50	\$30.00	\$-----
3 to 4 feet.....	4.50	40.00	-----
4 to 5 feet.....	6.00	55.00	-----
5 to 6 feet.....	8.00	75.00	-----
	5-6	4-5	3-4
Bechtel, double pink.....	260	210	360
Parkmani, semi-double, pink, dwarf.....	35	90	-----

## CRAB, Flowering Malus. 15-30 ft.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$2.90	\$25.00	\$-----
3 to 4 feet.....	3.50	30.00	-----
4 to 5 feet.....	4.50	40.00	-----
5 to 6 feet.....	6.00	55.00	-----
6 to 7 feet.....	8.00	75.00	-----
	6-7	5-6	4-5
Aldenheimensis, purpurea, crimson-pink.....	---	7	65
Arnoldiana, rose.....	50	150	150
Baccata, white.....	15	90	100
Chinese spectabilis, bright pink.....	---	15	25
Coronaria, pink.....	---	140	110
Eleyi, single pink.....	80	140	35
Floribunda purpurea, crimson.....	---	30	50
Hopa, red buds.....	130	480	200
Ioensis, single pink.....	65	180	180
Redvein, niedzwetzkiana, red.....	---	20	180
Red Silver, pink.....	30	100	190
Schedeckeri, double red.....	---	40	150
Theifera, pink.....	---	120	130
Toringo, pink.....	---	5	35

ELM—American White, *Ulmus americana*, 60-100 ft.

The most popular American tree for street and general planting.

	Per 10	Per 100	Per 1000
150 4 to 5 feet.....	\$2.40	\$20.00	\$-----
200 5 to 6 feet.....	3.20	28.00	-----
300 6 to 8 feet.....	5.00	45.00	-----
580 8 to 10 feet.....	6.50	60.00	-----
1650 1¼ to 1½ inches.....	8.00	75.00	-----
2250 1½ to 1¾ inches.....	12.00	110.00	-----
2150 1¾ to 2 inches.....	15.00	140.00	-----
1900 2 to 2½ inches.....	19.00	175.00	-----
650 2½ to 3 inches.....	25.00	225.00	-----
200 3 to 3½ inches.....	35.00	325.00	-----
90 3½ to 4 inches.....	42.50	400.00	-----
50 4 to 5 inches.....	55.00	-----	-----

## Chinese, pumila, 40-50 ft.

A hardy, rapid grower. Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

	Per 10	Per 100	Per 1000
1000 4 to 5 feet.....	1.90	16.00	140.00
5100 5 to 6 feet.....	2.90	25.00	220.00
5600 6 to 8 feet.....	4.50	40.00	350.00
4200 8 to 10 feet.....	6.00	55.00	500.00
3600 1¼ to 1½ inches.....	7.50	70.00	-----
2260 1½ to 2 inches.....	11.00	100.00	-----
1100 2 to 2½ inches.....	17.50	160.00	-----
250 2½ to 3 inches.....	25.00	225.00	-----
50 3 to 3½ inches.....	30.00	-----	-----



## DECIDUOUS TREES—Continued

## ELM—Continued

CHINESE ELM  
Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

	Per 10	Per 100	Per 1000
3900 4 to 5 feet, 7-16 to 9-16 inches.....	\$1.10	\$ 9.00	\$ 80.00
6100 5 to 6 feet, 9-16 to 11-16 inches.....	2.10	18.00	150.00
5400 6 to 8 feet, 11-16 to 7-8 inches.....	2.60	22.00	200.00
4500 8 to 10 feet, 7-8 to 1 inch.....	3.80	33.00	300.00
3200 1¼ to 1½ inches.....	5.00	45.00	400.00
1400 1½ to 2 inches.....	7.00	65.00	-----

English, *campestris*, 75-100 ft.

Spreading branches forming a broad, round topped head.

235 5 to 6 feet.....	7.00	65.00	-----
100 6 to 8 feet.....	9.00	85.00	-----
45 8 to 10 feet.....	11.50	-----	-----
45 1¼ to 1½ inches.....	15.00	-----	-----
30 1½ to 1¾ inches.....	18.50	-----	-----

## Lake City. 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

40 1¼ to 1½ inches.....	12.50	-----	-----
50 1½ to 1¾ inches.....	16.00	-----	-----
20 1¾ to 2 inches.....	20.00	-----	-----

## Moline Elm. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

150 8 to 10 feet.....	10.00	90.00	-----
550 1¼ to 1½ inches.....	12.00	110.00	-----
130 1½ to 1¾ inches.....	16.50	150.00	-----
280 1¾ to 2 inches.....	20.00	180.00	-----
620 2 to 2½ inches.....	25.00	225.00	-----
49 2½ to 3 inches.....	32.50	-----	-----
46 3 to 3½ inches.....	42.50	-----	-----
40 3½ to 4 inches.....	47.50	-----	-----

## Moline Elm, Grown from Seed, 80-100 ft.

These trees grown from selected seed of Moline Elm. They show many characteristics of the budded Moline, upright pyramidal habit of growth and larger foliage than American.

	Per 10	Per 100	Per 1000
50 1½ to 2 inches.....	\$14.00	\$125.00	\$ -----
150 2 to 2½ inches.....	19.00	175.00	-----
150 2½ to 3 inches.....	25.00	225.00	-----

## Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs, uniform type, rapid grower. Distinct improvement.

70 8 to 10 feet.....	10.00	90.00	-----
100 1¼ to 1½ inches.....	12.00	110.00	-----
160 1½ to 1¾ inches.....	16.50	150.00	-----
260 1¾ to 2 inches.....	20.00	180.00	-----
130 2 to 2½ inches.....	25.00	225.00	-----
10 2½ to 3 inches.....	32.50	-----	-----

Wheatley, *campestris wheatleyi*

An attractive rapid growing round headed tree with medium size glossy leaves.

25 1½ to 1¾ inches.....	18.50	-----	-----
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## DECIDUOUS TREES—Continued

**HACKBERRY, *Celtis occidentalis*, 50 ft.**

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

		Per 10	Per 100	Per 1000
150	4 to 5 feet	\$2.90	\$25.00	\$
460	5 to 6 feet	4.50	40.00	
670	6 to 8 feet	6.50	60.00	
1570	8 to 10 feet	10.00	90.00	
1460	1½ to 2 inches	14.00	125.00	
490	2 to 2½ inches	21.00	190.00	
70	2½ to 3 inches	27.50	250.00	
35	3 to 3½ inches	32.50		
50	3½ to 4 inches	40.00		

**HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.**

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

180	5 to 6 feet	4.50	40.00	
540	6 to 8 feet	6.50	60.00	
1250	8 to 10 feet	9.00	85.00	
680	1½ to 2 inches	16.00	140.00	
100	2 to 2½ inches	28.00	250.00	
10	3 to 3½ inches	40.00		

**Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.**

A variety of *Triacanthos* without thorns.

100	5 to 6 feet	5.50	50.00	
200	6 to 8 feet	8.00	75.00	
580	8 to 10 feet	11.00	100.00	
250	1½ to 2 inches	19.00	165.00	
15	2 to 2½ inches	30.00		

**KENTUCKY COFFEETREE, *Gymnocladus dioica*, 50-70 ft.**

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

140	4 to 5 feet	5.50	50.00	
160	5 to 6 feet	8.00	75.00	
60	6 to 8 feet	11.00	100.00	
80	8 to 10 feet	15.00	135.00	
120	1½ to 2 inches	19.00	175.00	
45	2 to 2½ inches	25.00		

**KOELREUTERIA, *paniculata*, Varnish Tree. 25-30 ft.**

Valuable small, flowering tree, sometimes called Golden-rain tree. Bright yellow flowers, July.

80	3 to 4 feet	5.00		
40	4 to 5 feet	7.50		

**LINDEN, American, *Tilia americana*, 60-90 ft.**

Rapid growing tree. Large glossy leaves, fragrant yellow flowers, June.

150	5 to 6 feet	5.50	50.00	
140	6 to 8 feet	7.50	70.00	
520	8 to 10 feet, 1¼ to 1½ inches	10.00	90.00	
710	1½ to 2 inches	14.00	125.00	
380	2 to 2½ inches	19.00	175.00	
200	2½ to 3 inches	25.00	225.00	
50	3 to 3½ inches	32.50		

**Cordata, Littleleaf European Linden, 70 ft.**

Very small leaves and desirable habit of growth.

100	4 to 5 feet	5.50	50.00	
90	5 to 6 feet	8.00	75.00	
90	1½ to 2 inches	22.00	200.00	
20	2 to 2½ inches	30.00		



## DECIDUOUS TREES—Continued

## LINDEN—Continued

## Platyphyllos, Big Leaf European Linden. 60-70 ft.

Large leaved European Linden making a large, symmetrical tree.

		Per 10	Per 100	Per 1000
140	4 to 5 feet.....	\$4.50	\$40.00	\$ ----
170	5 to 6 feet.....	6.00	55.00	----
70	6 to 8 feet.....	8.50	80.00	----

## Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

100	4 to 5 feet.....	5.50	50.00	----
140	5 to 6 feet.....	8.00	75.00	----
85	6 to 8 feet.....	11.00	100.00	----
45	8 to 10 feet.....	13.50	----	----
17	2½ to 3 inches.....	30.00	----	----

## Silvestris, Tilia Silvestris, 70 ft.

A variety of Tilia cordata small leaf European Linden.

20	4 to 5 feet.....	4.50	40.00	----
70	5 to 6 feet.....	6.00	55.00	----
160	6 to 8 feet.....	8.50	80.00	----
120	8 to 10 feet.....	12.00	110.00	----
300	1½ to 2 inches.....	16.50	150.00	----
180	2 to 2½ inches.....	22.00	200.00	----
25	2½ to 3 inches.....	27.50	----	----

## Tomentosa (argentea), Silver Linden, 40-60 ft.

Handsome, dense-headed tree that will stand heat and drought. Leaves green above; silvery beneath.

45	5 to 6 feet.....	7.00	----	----
20	8 to 10 feet.....	13.50	----	----
25	1½ to 2 inches.....	17.50	----	----

## LOCUST, Black or Yellow, Robinia pseudoacacia 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

60	8 to 10 feet.....	6.50	----	----
40	1½ to 2 inches.....	10.00	----	----

## MAY DAY TREE, See Prunus

## MAPLE, Amur, Acer ginnala. 20-25 ft.

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

100	3 to 4 feet.....	4.00	35.00	----
80	4 to 5 feet.....	5.50	50.00	----

## Box Elder, negundo. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

80	4 to 5 feet.....	3.50	30.00	----
100	5 to 6 feet.....	4.50	40.00	----
160	6 to 8 feet.....	6.50	60.00	----
50	8 to 10 feet.....	9.00	85.00	----
20	2 to 2½ inches.....	15.00	----	----

## Norway, platanoides. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

200	5 to 6 feet, ½ to ¾ inch caliper, whips.....	4.50	40.00	----
600	6 to 8 feet, ¾ to 1 inch caliper, whips.....	5.00	45.00	----
100	6 to 8 ft., ¾ to 1 in. caliper, lightly branched.....	8.00	75.00	----
200	6 to 8 feet, ¾ to 1 inch caliper, branched.....	11.00	100.00	----
200	8 to 10 ft., ¾ to 1 in. caliper, lightly branched.....	11.00	100.00	----
180	8 to 10 feet, 1 to 1¼ inch caliper, branched.....	15.00	135.00	----
150	1¼ to 1½ inches.....	17.50	160.00	----
680	1½ to 1¾ inches.....	22.00	200.00	----
170	1¾ to 2 inches.....	25.00	235.00	----
50	2 to 2½ inches.....	27.50	----	----

## DECIDUOUS TREES—Continued

MAPLE, *Acer*—(Continued)

## Schwedler, Purple Leaf Maple. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

		Per 10	Per 100	Per 1000
300	4 to 5 feet, $\frac{3}{8}$ to $\frac{1}{2}$ inch caliper, whips	\$5.50	\$50.00	\$
580	5 to 6 feet, $\frac{1}{2}$ to $\frac{5}{8}$ inch caliper, whips	7.00	65.00	
460	6 to 8 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper, whips	8.00	75.00	
700	8 to 10 feet, $\frac{3}{4}$ to 1 inch caliper, whips	8.50	80.00	
160	6 to 8 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper, lightly br.	16.50	150.00	
100	6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper, branched	22.00	200.00	
330	8 to 10 feet, $\frac{3}{4}$ to 1 inch caliper, lightly br.	20.00	185.00	
100	8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper, branched	25.00	225.00	

Silver, *dasyarpum*. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

250	5 to 6 feet	2.90	25.00	
70	6 to 8 feet	5.00	45.00	
400	8 to 10 feet	7.00	65.00	
600	$1\frac{1}{4}$ to $1\frac{1}{2}$ inches	8.50	80.00	
790	$1\frac{1}{2}$ to 2 inches	12.00	110.00	
250	2 to $2\frac{1}{2}$ inches	16.50	150.00	
40	$2\frac{1}{2}$ to 3 inches	20.00		

Sugar, *saccharum*. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

140	5 to 6 feet	7.50	70.00	
170	6 to 8 feet	11.00	100.00	
200	8 to 10 feet, 1 to $1\frac{1}{4}$ inches	15.00	140.00	
300	$1\frac{1}{4}$ to $1\frac{1}{2}$ inches	18.00	165.00	
250	$1\frac{1}{2}$ to $1\frac{3}{4}$ inches	22.00	200.00	
50	$1\frac{3}{4}$ to 2 inches	27.50	250.00	
40	2 to $2\frac{1}{2}$ inches	30.00		
40	$2\frac{1}{2}$ to 3 inches	37.50		
90	3 to $3\frac{1}{2}$ inches	42.50		
100	$3\frac{1}{2}$ to 4 inches	55.00	500.00	
100	4 to 5 inches	65.00	600.00	

## Wier, Cutleaved Silver Maple. 60-80 ft.

Graceful drooping limbs with cut leaves.

150	5 to 6 feet	5.50	50.00	
250	6 to 8 feet	8.00	75.00	
140	8 to 10 feet	11.00	100.00	
30	$1\frac{1}{2}$ to 2 inches	15.00		
25	2 to $2\frac{1}{2}$ inches	20.00		

MOUNTAIN ASH, American, *Sorbus americana*. 30 ft.

Attractive tree with bright red flowers in large clusters.

20	5 to 6 feet	8.00		
20	6 to 8 feet	10.00		

European, *Sorbus aucuparia*. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

110	4 to 5 feet	5.00	45.00	
250	5 to 6 feet	6.50	60.00	
380	6 to 8 feet	8.00	75.00	
250	8 to 10 feet	10.00	90.00	
80	$1\frac{1}{2}$ to 2 inches	14.00	125.00	

Oakleaf, *Sorbus quercifolia*. 20-25 ft.

Upright, rather pyramidal growing tree with attractive foliage.

50	6 to 8 feet	10.00		
25	8 to 10 feet	12.50		

MULBERRY. Tea's Weeping, *Morus alba pendula*. 8-10 ft.

A hardy, popular weeping tree.

50	2-year heads, 5 to 6 feet	14.00	125.00	
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## DECIDUOUS TREES—Continued

**OAK, Black, velutina. 75-80 ft.**

Deep green foliage turning yellow or reddish-brown in autumn.

		Per 10	Per 100	Per 1000
100	4 to 5 feet.....	\$8.00	\$75.00	\$
100	5 to 6 feet.....	11.00	100.00	

**Bur, Mossycup, macrocarpa. 75-80 ft.**

Strong growing oak, picturesque appearance due to its corky branches.

120	4 to 5 feet.....	8.00	75.00	
150	5 to 6 feet.....	11.00	100.00	
40	6 to 8 feet.....	15.00		

**Laurel, Quercus laurifolia. 60-80 ft.**

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.

200	4 to 5 feet.....	8.00	75.00	
400	5 to 6 feet.....	11.00	100.00	
350	6 to 8 feet.....	15.00	135.00	
190	8 to 10 feet.....	19.00	175.00	
50	1½ to 2 inches.....	23.50		

**Pin, Quercus palustris. 70-80 ft.**

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

250	4 to 5 feet.....	9.00	85.00	
1260	5 to 6 feet.....	12.00	110.00	
1150	6 to 8 feet.....	14.00	125.00	
800	8 to 10 feet.....	19.00	175.00	
400	1½ to 2 inches.....	28.00	250.00	
50	2 to 2½ inches.....	35.00		
120	4 to 5 inches.....	65.00	600.00	

**Red, Quercus rubra. 60-80 ft.**

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

350	5 to 6 feet.....	13.00	120.00	
300	6 to 8 feet.....	16.50	150.00	
150	8 to 10 feet, 1¼ to 1½ inches.....	22.00	200.00	
350	1½ to 2 inches.....	30.00	275.00	
140	2 to 2½ inches.....	38.00	350.00	
40	2½ to 3 inches.....	42.50		
20	3 to 3½ inches.....	50.00		

**English, Quercus Robur 60-80 ft.**

A long-lived Oak with stout branches, forming a broad round-topped head.

80	4 to 5 feet.....	10.00		
45	5 to 6 feet.....	13.00	120.00	

**Scarlet, Quercus coccinea. 75-90 ft.**

Most striking Autumn colors; tall stately grower, deeply cut leaves.

120	5 to 6 feet.....	13.00	120.00	
40	1½ to 2 inches.....	27.50		
25	2 to 2½ inches.....	35.00		

**White, Quercus alba. 60-80 ft.**

A rugged Oak of slow growth making a large, magnificent tree.

450	4 to 5 feet.....	8.00	75.00	
650	5 to 6 feet.....	11.00	100.00	
350	6 to 8 feet.....	14.00	125.00	
250	8 to 10 feet.....	19.00	175.00	
400	1½ to 2 inches.....	28.00	250.00	
130	2 to 2½ inches.....	38.00	350.00	

**DECIDUOUS TREES—Continued****PERSIMMON, American, *Diospyros virginiana***

Very ornamental, with a round-topped head and handsome shining foliage.

		Per 10	Per 100	Per 1000
30	5 to 6 feet.....	\$8.00	\$	\$
20	6 to 8 feet.....	10.00	---	---

**POPLAR, Bolleana, Silver Leaved. 50-60 ft.**

A rapid growing, columnar tree with silvery foliage.

100	5 to 6 feet.....	4.00	35.00	---
100	6 to 8 feet.....	5.50	50.00	---
400	8 to 10 feet.....	7.00	65.00	---
300	1¼ to 1½ inches.....	8.50	80.00	---
150	1½ to 2 inches.....	11.00	100.00	---

**Carolina, (Norway Variety). 75-100 ft.**

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

200	6 to 8 feet.....	2.90	25.00	---
600	8 to 10 feet.....	4.50	40.00	---
1100	1¼ to 1½ inches.....	5.50	50.00	---
1400	1½ to 2 inches.....	8.00	75.00	---
180	2 to 2½ inches.....	10.00	---	---

**Lombardy, *nigra italica*. 60-80 ft.**

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

400	5 to 6 feet, low branched.....	2.10	18.00	160.00
1900	6 to 8 feet, " ".....	2.90	25.00	220.00
3400	8 to 10 feet, " ".....	3.50	30.00	280.00
2600	1¼ to 1½ inches, low branched.....	4.00	35.00	320.00
1500	1½ to 2 inches, " ".....	6.50	60.00	---
250	2 to 2½ inches, " ".....	11.00	100.00	---

**Russian Poplar, *Suaevolens Przewalski*. 40-50 ft.**

Distinct poplar of spreading habit of growth and valuable for hot and dry climates. Hardy.

140	5 to 6 feet.....	2.90	25.00	---
145	6 to 8 feet.....	4.00	35.00	---
20	8 to 10 feet.....	5.50	50.00	---

**Silver, White Poplar. 50-60 ft.**

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

160	4 to 5 feet, well branched.....	2.10	18.00	---
150	5 to 6 feet, " ".....	2.90	25.00	---
100	6 to 8 feet, " ".....	4.50	40.00	---
340	8 to 10 feet, " ".....	6.50	60.00	---
100	1½ to 2 inches, well branched.....	11.00	100.00	---

**PRUNUS, Ornamental Plum****Cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf hardy variety with rich purple red foliage. Bush form.

125	9 to 12 inches.....	1.70	14.00	---
300	12 to 18 inches.....	2.40	20.00	---
300	18 to 24 inches.....	2.90	25.00	---
110	2 to 3 feet.....	3.50	30.00	---
170	3 to 4 feet.....	4.00	35.00	---



## DECIDUOUS TREES—Continued

## PRUNUS, Ornamental Plum—(Continued)

## Newport, Purple Leaved. (Bush form) 15-20 ft.

Hardy, upright grower. Foliage reddish purple with bright red tips.

		Per 10	Per 100	Per 1000
200	12 to 18 inches.....	\$2.40	\$20.00	\$ ----
50	2 to 3 feet.....	3.50	30.00	----
220	3 to 4 feet.....	4.00	35.00	----
130	4 to 5 feet.....	5.00	45.00	----
260	5 to 6 feet.....	6.50	60.00	----
90	6 to 8 feet.....	8.50	80.00	----

## Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

100	12 to 18 inches.....	1.70	14.00	----
160	2 to 3 feet.....	2.90	25.00	----

## Persica, Red Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

100	3 to 4 feet.....	2.90	25.00	----
90	4 to 5 feet.....	4.00	35.00	----

## Serotina, Wild Black Cherry. 40-50 ft.

A native of the Middle West. White flowers in May followed by small black cherries borne in clusters.

30	5 to 6 feet.....	3.00	----	----
85	6 to 8 feet.....	4.00	35.00	----
90	8 to 10 feet.....	5.50	50.00	----
160	1½ to 2 inches.....	11.00	100.00	----

## Tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

300	18 to 24 inches.....	2.40	20.00	----
190	2 to 3 feet.....	2.90	25.00	----
360	3 to 4 feet.....	4.00	35.00	----
135	4 to 5 feet.....	5.00	45.00	----

## Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

160	12 to 18 inches (On Native Plum).....	2.40	20.00	----
140	18 to 24 inches " " ".....	2.90	25.00	----
100	2 to 3 feet " " ".....	3.50	30.00	----
100	3 to 4 feet " " ".....	4.50	40.00	----

## PTELEA, trifoliata, Common Hoptree. (Wafer Ash). 10-12 ft.

Has clusters of seed pods that look and smell like hops.

50	5 to 6 feet.....	5.00	45.00	----
80	6 to 8 feet.....	6.50	60.00	----
100	8 to 10 feet.....	8.00	75.00	----
50	1½ to 2 inches.....	12.50	----	----

## RED BUD, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

160	18 to 24 inches.....	2.40	20.00	----
200	2 to 3 feet.....	2.90	25.00	----
400	3 to 4 feet.....	4.00	35.00	----
250	4 to 5 ft.....	5.00	45.00	----
330	5 to 6 feet.....	6.50	60.00	----
350	6 to 8 feet.....	9.00	85.00	----
100	8 to 10 feet.....	14.00	125.00	----

## DECIDUOUS TREES—Continued

**RUSSIAN OLIVE, *Elaeagnus angustifolia*. 20-25 ft.**

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

		Per 10	Per 100	Per 1000
400	3 to 4 feet.....	\$2.40	\$20.00	\$.....
430	4 to 5 feet.....	2.90	25.00	-----
290	5 to 6 feet.....	4.00	35.00	-----
160	6 to 8 feet.....	5.50	50.00	-----
70	8 to 10 feet.....	8.00	75.00	-----
50	2 to 2½ inches.....	17.50	-----	-----

For smaller sizes see *Elaeagnus* under Shrubs.

**SYCAMORE or American Planetree, *Platanus occidentalis*. 100-130 ft.**

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

80	6 to 8 feet.....	7.00	65.00	-----
150	8 to 10 feet.....	10.00	90.00	-----
100	1½ to 1¾ inches.....	16.50	150.00	-----
65	1¾ to 2 inches.....	20.00	185.00	-----

**THORN, *Crataegus*, *Arnoldiana*, *Arnold's Thorn*. 18-20 ft.**

An open-headed tree having white flowers in May and bright crimson fruit in August.

170	3 to 4 feet.....	5.50	50.00	-----
130	4 to 5 feet.....	8.50	80.00	-----
30	5 to 6 feet.....	12.00	-----	-----
20	6 to 8 feet.....	17.50	-----	-----

**Coccinea, Thicket Hawthorn. 20-25 ft.**

Bushy tree, white flowers, dull red fruit.

50	3 to 4 feet.....	5.50	-----	-----
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**Cordata, Washington Hawthorn. 20-25 ft.**

Bright red fruit, brilliant autumn foliage.

100	3 to 4 feet.....	5.50	50.00	-----
300	4 to 5 feet.....	8.50	80.00	-----
260	5 to 6 feet.....	12.00	110.00	-----
50	6 to 8 feet.....	16.50	150.00	-----
50	8 to 10 feet.....	22.00	-----	-----

**Crusgalli, Cockspur Thorn. 15-18 ft.**

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit. Long thorns.

400	3 to 4 feet.....	5.50	50.00	-----
500	4 to 5 feet.....	8.50	80.00	-----
350	5 to 6 feet.....	12.00	110.00	-----
450	6 to 8 feet.....	19.00	175.00	-----
100	8 to 10 feet.....	27.50	250.00	-----

**English Hawthorn, *oxyantha*. 12-15 ft.**

A small shrubby tree. Single white blooms in the spring.

30	3 to 4 feet.....	5.50	-----	-----
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**Mollis, Downy Hawthorn. 15 ft.**

Vigorous spreading growth. Large leaves, attractive red fruit.

390	3 to 4 feet.....	4.50	40.00	-----
520	4 to 5 feet.....	6.50	60.00	-----
750	5 to 6 feet.....	10.00	90.00	-----
600	6 to 8 feet.....	14.00	125.00	-----
100	8 to 10 feet.....	20.00	175.00	-----

**Paul's Scarlet Hawthorn, *oxyantha pauli*. 15-20 ft.**

Produces brilliant double scarlet flowers in June.

70	3 to 4 feet.....	6.50	-----	-----
50	4 to 5 feet.....	8.50	80.00	-----
150	5 to 6 feet.....	11.00	100.00	-----



## DECIDUOUS TREES—Continued

THORN, *Crataegus*—Continued**Punctata, Dotted Hawthorn. 25-30 ft.**

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

	Per 10	Per 100	Per 1000
200 3 to 4 feet.....	\$5.50	\$50.00	\$ ----
460 4 to 5 feet.....	8.50	80.00	----
540 5 to 6 feet.....	12.00	110.00	----
200 6 to 8 feet.....	19.00	175.00	----
30 8 to 10 feet.....	25.00	----	----

**Prunifolia, Plumleaf Hawthorn. 30 ft.**

Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.

30 4 to 5 feet.....	8.50	----	----
60 5 to 6 feet.....	12.00	----	----

**WALNUT, Black, *Juglans nigra*. 80-100 ft.**

Valuable tree for the wood and nuts.

60 6 to 8 feet.....	8.00	75.00	----
60 8 to 10 feet.....	11.00	100.00	----

**Butternut, *Juglans cinerea*. 50-60 ft.**

Spreading tree with large leaves, producing edible nuts.

20 4 to 5 feet.....	5.00	----	----
10 5 to 6 feet.....	7.50	----	----

**WILLOW, *Salix*****Babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

150 5 to 6 feet.....	4.50	40.00	----
200 6 to 8 feet.....	6.50	60.00	----
100 8 to 10 feet.....	9.00	85.00	----

**Bronze Golden Willow, *vitellina britzensis*. 25-30 ft.**

A distinctive, upright, rather pyramidal growing variety with golden bark, which on new growth turns to blood-red color in autumn and winter. Hardy.

55 5 to 6 feet.....	4.50	40.00	----
165 6 to 8 feet.....	6.50	60.00	----

**Laurel leaved, *pentandra*. 30-40 ft.**

Hardy, upright grower with large, dark green leaves.

220 4 to 5 feet.....	2.90	25.00	----
250 5 to 6 feet.....	4.00	35.00	----
15 6 to 8 feet.....	5.50	----	----

**Niobe Weeping. 30-35 ft.**

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

190 5 to 6 feet.....	4.50	40.00	----
140 6 to 8 feet.....	7.00	65.00	----
50 8 to 10 feet.....	10.00	90.00	----
100 1½ to 1¾ inches.....	14.00	125.00	----

**Russian Golden, *vitellina aurea*. 25-30 ft.**

Medium spreading growth. Golden yellow bark. Very hardy.

200 4 to 5 feet.....	2.40	20.00	----
400 5 to 6 feet.....	3.50	30.00	----
200 6 to 8 feet.....	5.50	50.00	----
25 8 to 10 feet.....	7.50	----	----

**Wisconsin Weeping, *blanda*. 40-50 ft.**

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

200 5 to 6 feet.....	4.50	40.00	----
200 6 to 8 feet.....	7.50	65.00	----
60 8 to 10 feet.....	10.00	90.00	----
40 1¼ to 1½ inches.....	14.00	----	----

**ORNAMENTAL SHRUBS**

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

**ACANTHOPANAX pentaphyllum, Five leaf Aralia. 5-10 ft.**

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

		Per 10	Per 100	Per 1000
125	12 to 18 inches	\$1.70	\$14.00	\$ ----
230	18 to 24 inches	2.10	18.00	----
110	2 to 3 feet	2.90	25.00	----
100	3 to 4 feet	4.00	35.00	----

**ALMOND, Pink Flowering, Prunus glandulosa. 5-6 ft.**

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

350	12 to 18 inches, Own Root	1.90	16.00	----
160	18 to 24 inches, " "	2.50	22.00	----
220	2 to 3 feet, " "	3.20	28.00	----
800	3 to 4 feet " "	3.80	33.00	300.00

**White Flowering, Prunus glandulosa. 5-6 ft.**

Double white flowering variety. Have buds and own root plants.

95	18 to 24 inches	2.50	22.00	----
100	2 to 3 feet	3.20	28.00	----
20	3 to 4 feet	4.00	----	----

**ALTHEA, Hibiscus syriacus. 10-12 ft.**

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches	.80	7.00	----	
18 to 24 inches	1.20	10.00	----	
2 to 3 feet	1.90	16.00	----	
3 to 4 feet	2.50	22.00	----	
	3/4	2/3	18/24	12/18
Anemonaeflorus, d pink	150	360	----	----
Ardens, d purple	80	180	460	----
Boule de Feu, d red	180	80	240	60
Jean d'Arc, d white	----	80	110	----
Lady Stanley, d blush white	----	----	80	----
Lucy, d red	120	----	450	----
Purple, semi-double	40	160	480	100
Rose, double	40	160	80	110

**AMELANCHIER, canadensis, Juneberry (Downy Shadblow) 10-15 ft.**

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

		Per 10	Per 100	Per 1000
50	12 to 18 inches	\$1.90	\$16.00	\$ ----
200	18 to 24 inches	2.50	22.00	----
500	2 to 3 feet	3.50	30.00	----
64	3 to 4 feet	4.50	40.00	----

**AMORPHA fruticosa, Indigo Bush. 8-10 ft.**

A vigorous growing shrub with dark violet flowers.

85	3 to 4 feet	2.40	20.00	----
50	4 to 5 feet	2.90	25.00	----

**ARONIA arbutifolia, Red Chokeberry. 8-10 ft.**

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

230	12 to 18 inches	1.20	10.00	----
200	18 to 24 inches	1.80	15.00	----
350	2 to 3 feet	2.40	20.00	----
300	3 to 4 feet	3.50	30.00	----



## ORNAMENTAL SHRUBS—Continued

## ARONIA—(Continued)

## Melanocarpa, Black Chokeberry. 6-8 ft.

		Attractive white flowers, smooth foliage, with black shiny fruit in autumn.		
		Per 10	Per 100	Per 1000
175	12 to 18 inches.....	\$1.20	\$10.00	\$.....
750	18 to 24 inches.....	1.90	16.00	140.00
1400	2 to 3 feet.....	2.40	20.00	180.00
850	3 to 4 feet.....	3.20	28.00	250.00
360	4 to 5 feet.....	4.00	35.00	.....

## BARBERRY

## Thunbergi, Common Barberry. 4-5 ft.

		Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.		
5000	9 to 12 inches.....	.50	4.50	40.00
6000	12 to 15 inches.....	.80	7.00	60.00
6200	15 to 18 inches.....	1.10	9.00	80.00
6000	18 to 24 inches.....	1.50	13.00	110.00
7500	2 to 2½ feet.....	1.90	16.00	140.00

See Hedging for Seedlings and smaller grades.

## Box, Berberis minor. 2-3 ft.

		Dwarf form of Japanese Barberry. Fine for low hedges or borders.		
570	12 to 15 inches.....	1.40	12.00	-----
1200	15 to 18 inches.....	1.90	16.00	-----
1160	18 to 24 inches.....	2.40	20.00	-----
200	2 to 2½ feet.....	2.90	25.00	-----

## Red Leaved, atropurpurea. 3-6 ft.

		Variety of Japanese Barberry with bright red foliage.		
1000	9 to 12 inches.....	.80	7.00	60.00
5400	12 to 15 inches.....	1.20	10.00	90.00
1450	15 to 18 inches.....	1.70	14.00	120.00
1580	18 to 24 inches.....	2.10	18.00	160.00
2200	2 to 2½ feet.....	2.50	22.00	200.00
600	2½ to 3 feet.....	2.90	25.00	-----

See Hedging for Seedlings and smaller grades.

## BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

					Wholesale Prices, Net		Retail Resale Prices		
Size		Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100	
640	12 to 15 inches		\$2.50	\$18.00	\$-----	\$1.40	\$4.00	\$25.00	
820	15 to 18 inches		3.00	20.00	-----	1.50	4.50	30.00	
220	18 to 24 inches		3.50	25.00	-----	2.00	6.00	40.00	
150	24 to 30 inches		4.00	30.00	-----	2.60	7.25	50.00	

## TRUEHEDGE COLUMBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

		Wholesale Prices, Net			Retail Resale Prices			
	Size		Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
150	9 to 12 inches	\$1.50	\$12.00	\$100.00	\$0.35	\$1.25	\$4.75	\$16.00
200	12 to 15 inches	1.80	14.00	125.00	.40	1.50	6.00	21.00
320	15 to 18 inches	2.20	17.00	150.00	.45	1.75	7.00	25.00
200	18 to 24 inches	2.50	20.00	180.00	.50	2.00	8.25	30.00

## ORNAMENTAL SHRUBS—Continued

**BUCKTHORN, Cathartica, Common Buckthorn. 10-12 ft.**

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
420 12 to 18 inches.....	\$0.70	\$ 6.00	\$ -----
550 18 to 24 inches.....	.95	8.00	-----
1460 2 to 3 feet.....	1.40	12.00	100.00
840 3 to 4 feet.....	1.80	15.00	-----
25 4 to 5 feet.....	2.50	-----	-----

**Frangula, Glossy Buckthorn. 10-12 ft.**

Upright, hardy shrub, used for hedging. Berries red changing to black.

75 18 to 24 inches.....	1.40	12.00	-----
580 2 to 3 feet.....	1.90	16.00	-----
210 3 to 4 feet.....	2.40	20.00	-----
30 4 to 5 feet.....	3.00	-----	-----

**BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.****Farquhar. 5-6 ft.**

Lavender pink flowers with orange center; fragrant.

500 No. 1 .....	2.10	18.00	160.00
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**Fortune (Plant Patent No. 206). 4-6 ft.**

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retail at 75¢ each, \$7.50 per doz.)

300 No. 1 .....	4.00	25.00	-----
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**He de France. 4-6 ft.**

Large flowers of rich, reddish-purple, borne in long panicles.

450 No. 1 .....	2.10	18.00	160.00
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**BUDDLEIA—New Varieties.**

Well established 2¼-inch pot plants.....	1.40	12.00	-----
Medium, dormant plants, field grown.....	1.80	15.00	-----
No. 1, dormant plants, field grown.....	2.40	20.00	-----

2¼-inch  
No. 1    Medium    Pot Plants

**Charming,** Long sprays covered with lavender-pink blooms which compared to other varieties, are distinctly pink. Has exceptional value for house decoration. .... 200

**Concord,** A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes. .... 600    600    190

**Dubonnet,** A new, dark wine, dubonnet colored Buddleia with firm, large spikes and individual flowers of good size that do not sunburn. .... 300    450    750

**Eleanor,** Eleanor-blue with orange eye with full, rounded flower heads. Very compact and individual flowers of good size. Dwarf. .... 340    280    195

**Hartwegi,** A thrifty, compact Butterfly Bush with heavy, dark green foliage and bright lavender flowers good for cutting. .... 360    280    ----

**Orchid Beauty,** An orchid-pink with brilliant, orange eye and flower heads up to 24 inches in length. Broad at base. Excellent as a cut flower. New. 120    180    640



## ORNAMENTAL SHRUBS—Continued

## BUDDLEIA, Butterfly Bush—(Continued)

## PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
300 Well established 2¼-inch pot plants.....	\$2.90	\$25.00	\$ ----

## ROYAL RED

Patent Applied For

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
500 Well established 2¼-inch Pot Plants.....	\$3.00	\$25.00	\$ ----

## CALLICARPA purpurea, Chinese Beautyberry. 3-6 ft.

Clusters of attractive purple berries in the fall. Tops kill back like Butterfly Bush.

	Per 10	Per 100	Per 1000
160 12 to 18 inches.....	\$1.40	\$12.00	\$ ----
250 18 to 24 inches.....	1.90	16.00	-----
260 2 to 3 feet.....	2.40	20.00	-----

## CALYCANTHUS floridus, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

	Per 10	Per 100	Per 1000
250 12 to 18 inches.....	1.70	14.00	-----
130 18 to 24 inches.....	2.10	18.00	-----

## CARAGANA arborescens, Siberian Pea-Tree. 12-15 ft.

Very hardy. Yellow flowers in May-June.

	Per 10	Per 100	Per 1000
230 12 to 18 inches.....	.60	5.00	-----
600 18 to 24 inches.....	.95	8.00	70.00
1100 2 to 3 feet.....	1.40	12.00	100.00
650 3 to 4 feet.....	1.90	16.00	-----
220 4 to 5 feet.....	2.50	22.00	-----

## CEANOTHUS americanus, Jersey-tea. 3-4 ft.

Very attractive, dwarf, native shrub; white flowers July-September.

	Per 10	Per 100	Per 1000
25 12 to 18 inches.....	2.10	-----	-----
55 18 to 24 inches.....	2.90	25.00	-----

## CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-September.

	Per 10	Per 100	Per 1000
520 12 to 18 inches.....	.95	8.00	-----
700 18 to 24 inches.....	1.40	12.00	-----
600 2 to 3 feet.....	1.90	16.00	-----
600 3 to 4 feet.....	2.50	22.00	-----
400 4 to 5 feet.....	3.50	30.00	-----

## ORNAMENTAL SHRUBS—Continued

**OHIONANTHUS virginica, White Fringe. 25 ft.**

Large glossy leaves, white fragrant flowers, May-June.

		Per 10	Per 100	Per 1000
180	12 to 18 inches.....	\$2.40	\$20.00	\$-----
30	18 to 24 inches.....	3.00	----	-----

**CORNUS, Dogwood****Alba Siberica, Coral Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

540	12 to 18 inches.....	1.20	10.00	-----
300	18 to 24 inches.....	1.70	14.00	-----
900	2 to 3 feet.....	2.10	18.00	160.00
800	3 to 4 feet.....	2.50	22.00	200.00
245	4 to 5 feet.....	3.50	30.00	-----

**alternifolia, Pagoda Dogwood. 20-25 ft.**

A distinctive green barked, large shrub or small tree with unusual whorled branches in horizontal tiers. Bluish black fruit. Very attractive. Hardy. Single white flowers May.

65	2 to 3 feet.....	3.50	30.00	-----
30	3 to 4 feet.....	4.50	----	-----

**Elegantissima, Silverblotch Dogwood, Variegated Leaves. 6-8 ft.**

Silver variegated leaves, bright red bark. Very attractive.

320	12 to 18 inches.....	2.10	18.00	-----
160	18 to 24 inches.....	2.90	25.00	-----

**Florida, White Flowering Dogwood. 15-20 ft.**

Flowering tree producing white flowers, foliage turns dark red in autumn.

30	3 to 4 feet.....	7.50	----	-----
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**Florida Rubra, Red Flowering Dogwood. 15-20 ft.**

Variety of Cornus Florida with bright pink flowers.

150	3 to 4 feet (Balled in Moss).....	14.00	125.00	-----
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**Goldentwig, stolonifera lutea. 8-10 ft.**

Distinct yellow bark, has fine winter effect.

300	12 to 18 inches.....	1.20	10.00	-----
500	18 to 24 inches.....	1.80	15.00	-----
1200	2 to 3 feet.....	2.40	20.00	180.00
530	3 to 4 feet.....	2.80	24.00	220.00

**Mas, Cornelian Cherry. 20-25 ft.**

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

45	18 to 24 inches.....	2.90	25.00	-----
20	2 to 3 feet.....	4.00	----	-----

**Paniculata (racemosa) Gray Dogwood. 10-12 ft.**

White flowers in May followed by white fruit.

260	12 to 18 inches.....	1.40	12.00	-----
250	18 to 24 inches.....	1.90	16.00	-----
450	2 to 3 feet.....	2.40	20.00	180.00
1550	3 to 4 feet.....	2.90	25.00	220.00
540	4 to 5 feet.....	4.00	35.00	-----
60	5 to 6 feet.....	5.00	----	-----

**Stolonifera, Red-Osier Dogwood. 15-20 ft.**

Dark wine colored branches. Dull white flowers. May-June. White berries.

650	2 to 3 feet.....	2.10	18.00	-----
2000	3 to 4 feet.....	2.50	22.00	200.00
680	4 to 5 feet.....	3.20	28.00	-----
300	5 to 6 feet.....	4.50	40.00	-----

## ORNAMENTAL SHRUBS—Continued

**CORYLUS americana, American Hazelnut. 8-10 ft.**

Thrives in shady locations. Attractive foliage. Produces popular nuts.

		Per 10	Per 100	Per 1000
130	12 to 18 inches.....	\$1.90	\$16.00	\$-----

**avellana, Filbert. 12-15 ft.**

Thrives in almost any soil. Attractive foliage. Nuts edible.

50	12 to 18 inches.....	2.10	18.00	-----
40	18 to 24 inches.....	2.90	25.00	-----

**COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.**

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

100	12 to 18 inches.....	1.20	10.00	-----
1400	18 to 24 inches.....	1.70	14.00	120.00
2400	2 to 3 feet.....	2.10	18.00	160.00
1900	3 to 4 feet.....	2.50	22.00	200.00
400	4 to 5 feet.....	3.50	30.00	-----

**Divaricata, Spreading Cotoneaster. 5-6 ft.**

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

100	12 to 18 inches (B&B 15c extra).....	2.90	25.00	-----
250	18 to 24 inches (B&B 25c extra).....	4.00	35.00	-----
300	2 to 3 feet (B&B 30c extra).....	5.00	45.00	-----
500	3 to 4 feet (B&B 40c extra).....	7.50	70.00	-----
70	4 to 5 feet (B&B 50c extra).....	10.00	90.00	-----

**Wilsni, Wilsni Cotoneaster. 5 ft.**

Small box-like leaves and red berries. Foliage nearly evergreen.

120	12 to 18 inches, bare root.....	2.90	25.00	-----
100	18 to 24 inches (B&B 25c extra).....	4.00	35.00	-----
50	2 to 3 feet (B&B 30c extra).....	5.00	45.00	-----
50	3 to 4 feet (B&B 40c extra).....	7.50	70.00	-----
140	4 to 5 feet (B&B 50c extra).....	10.00	90.00	-----

## COTONEASTER PFITZERIANA

New Mount Arbor introduction. Plant has extremely dwarf habit of growth, producing an abundance of small boxwood-like foliage of rich dark glossy green; almost evergreen, holding foliage and good color well into the winter. We have named this attractive dwarf plant "Cotoneaster Pfitzeriana" because its shaped in miniature like the well known Juniper Pfitzeriana. Has proven perfectly hardy here at Shenandoah standing, without winter protection, temperatures of 10° to 15° below zero. Ideally suited for Rock Garden work or wherever a dwarf plant is needed.

		Per 10	Per 100
90	6 to 9 inches, B&B, well furnished.....	\$ 5.50	\$ 50.00
25	9 to 12 inches, B&B, " ".....	8.00	75.00
10	12 to 15 inches, B&B, " ".....	11.00	-----

**CYDONIA japonica, Flowering Quince. 5-6 ft.**

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

		Per 10	Per 100	Per 1000
420	12 to 18 inches.....	\$1.70	\$14.00	\$-----
1100	18 to 24 inches.....	2.10	18.00	-----
150	2 to 3 feet.....	2.90	25.00	-----
300	3 to 4 feet.....	3.50	30.00	-----

**Pygmaea, japonica pygmy, Dwarf Japanese Quince. 3-4 ft.**

Dwarf form of Cydonia Japonica.

100	12 to 18 inches.....	1.90	16.00	-----
140	18 to 24 inches.....	2.50	22.00	-----

**DAPHNE CNEORUM, Garland Flower. 2 ft.**

An interesting Evergreen shrub. Attractive rose-pink flowers. April May.

100	9 to 12 inches, B&B.....	7.50	70.00	-----
50	12 to 15 inches, B&B.....	10.00	90.00	-----
50	15 to 18 inches, B&B.....	12.00	110.00	-----

**DESMODIUM (See Lespedeza)**



## ORNAMENTAL SHRUBS—Continued

**DEUTZIA Lemoine. 5-6 ft.**

Large white showy flowers in May. Quite hardy.

		Per 10	Per 100	Per 1000
100	18 to 24 inches.....	\$2.90	\$25.00	\$-----
110	2 to 2½ feet.....	3.50	30.00	-----

**Pride of Rochester. 10-12 ft.**

Strong grower, free bloomer, double white flowers tinged pink.

300	18 to 24 inches.....	1.40	12.00	-----
600	2 to 3 feet.....	2.10	18.00	150.00
520	3 to 4 feet.....	2.50	22.00	200.00
450	4 to 5 feet.....	3.50	30.00	-----

**Scabra Plena, Double Rose. 6-7 ft.**

Vigorous growth; free flowering. Produces an abundance of double, fringy, pink flowers.

100	18 to 24 inches.....	1.40	12.00	-----
250	2 to 3 feet.....	1.90	16.00	-----
750	3 to 4 feet.....	2.40	20.00	180.00
370	4 to 5 feet.....	3.50	30.00	-----

**ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.**

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

390	18 to 24 inches.....	1.20	10.00	-----
440	2 to 3 feet.....	1.80	15.00	-----
400	3 to 4 feet.....	2.40	20.00	-----
120	4 to 5 feet.....	2.90	25.00	-----

(For larger sizes—see Russian Olive under Deciduous Trees.)

**ELDER American, Sambucus canadensis. 8-10 ft.**

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

130	12 to 18 inches.....	1.10	9.00	-----
170	18 to 24 inches.....	1.40	12.00	-----
80	2 to 3 feet.....	1.90	16.00	-----
40	3 to 4 feet.....	2.40	20.00	-----

**Cutleaf American acutiloba. 8-10 ft.**

Dark green fern-like leaves, finely cut. White flowers, May-June.

190	12 to 18 inches.....	1.10	9.00	-----
260	18 to 24 inches.....	1.40	12.00	-----
80	2 to 3 feet.....	1.90	16.00	-----
100	3 to 4 feet.....	2.40	20.00	-----

**Golden American, canadensis aurea. 10-12 ft.**

Hardy rapid growing shrub with outstanding yellow foliage.

100	18 to 24 inches.....	1.70	14.00	-----
100	2 to 3 feet.....	2.10	18.00	-----
230	3 to 4 feet.....	2.90	25.00	-----
160	4 to 5 feet.....	4.00	35.00	-----

**EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.**

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

85	12 to 18 inches.....	2.90	25.00	-----
400	18 to 24 inches.....	4.50	40.00	-----
300	2 to 3 feet.....	6.50	60.00	-----

**Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.**

Dwarf, compact form of the type. Splendid for hedges.

100	12 to 18 inches.....	4.00	35.00	-----
300	18 to 24 inches.....	5.50	50.00	-----
100	2 to 3 feet.....	8.00	75.00	-----

## ORNAMENTAL SHRUBS—Continued

## EUONYMUS—Continued

**Atropurpureus, Wahoo. 12-15 ft.**

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

		Per 10	Per 100	Per 1000
500	12 to 18 inches.....	\$1.70	\$14.00	\$.....
440	18 to 24 inches.....	2.10	18.00	-----
350	2 to 3 feet.....	2.90	25.00	-----
85	3 to 4 feet.....	4.00	35.00	-----

**Bungeanus, Winterberry. 15 ft.**

Very attractive for its large freely produced pink fruit.

			\$.....	\$.....
60	2 to 3 feet.....	\$3.00	\$.....	\$.....
125	3 to 4 feet.....	4.00	35.00	-----
100	4 to 5 feet.....	5.50	50.00	-----

**European, Burningbush, europaeus. 12-15 ft.**

Dark green foliage with yellow and scarlet fruit in autumn.

100	18 to 24 inches.....	2.10	18.00	-----
260	2 to 3 feet.....	2.90	25.00	-----
70	3 to 4 feet.....	3.50	30.00	-----
35	5 to 6 feet.....	5.50	-----	-----

**Patens, Spreading Euonymus. 4-5 ft.**

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

350	12 to 18 inches (B&B extra @ 15¢).....	3.50	30.00	-----
350	18 to 24 inches (B&B extra @ 25¢).....	4.50	40.00	-----
100	2 to 3 feet..... (B&B extra @ 30¢).....	7.00	65.00	-----

**Yedoensis, Yeddo Euonymus. 12-15 ft.**

Large shrub with masses of pink and orange four lobed fruit.

160	12 to 18 inches.....	1.80	15.00	-----
190	18 to 24 inches.....	2.40	20.00	-----
120	2 to 3 feet.....	2.90	25.00	-----

**FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.**

Upright, arching branches. Bright yellow flowers early in April.

400	12 to 18 inches.....	1.20	10.00	-----
340	18 to 24 inches.....	1.70	14.00	-----
360	2 to 3 feet.....	2.10	18.00	-----
400	3 to 4 feet.....	2.50	22.00	-----

**Intermedia, Border Forsythia. 8-10 ft.**

Vigorous, spreading, bright yellow flowers early in April.

300	12 to 18 inches.....	1.20	10.00	-----
200	18 to 24 inches.....	1.70	14.00	-----
300	2 to 3 feet.....	2.10	18.00	-----
200	3 to 4 feet.....	2.50	22.00	-----
60	4 to 5 feet.....	3.50	30.00	-----

**Intermedia Spectabilis, Showy Border Forsythia. 8-10 ft.**

Improved form of Intermedia. Rich golden yellow flowers.

490	12 to 18 inches.....	1.20	10.00	-----
300	18 to 24 inches.....	1.70	14.00	-----
220	2 to 3 feet.....	2.10	18.00	-----
300	3 to 4 feet.....	2.50	22.00	-----
90	4 to 5 feet.....	3.50	30.00	-----

**Suspensa, Weeping Forsythia. 6-8 ft.**

Slender pendulous branches. Golden yellow flowers in April.

70	18 to 24 inches.....	1.90	16.00	-----
400	2 to 3 feet.....	2.40	20.00	-----
590	3 to 4 feet.....	3.20	28.00	-----

## ORNAMENTAL SHRUBS—Continued

**HAMAMELIS, virginiana, Witchhazel. 12-15 ft.**

Succeeds in moist places with partial shade. Yellow flowers late autumn.

		Per 10	Per 100	Per 1000
100	12 to 18 inches.....	\$1.80	\$15.00	\$ ----
150	18 to 24 inches.....	2.50	22.00	-----
140	2 to 3 feet.....	3.20	28.00	-----

**HONEYSUCKLE, Lonicera****Bella Albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

300	18 to 24 inches.....	1.70	14.00	120.00
400	2 to 3 feet.....	2.10	18.00	160.00
300	3 to 4 feet.....	2.50	22.00	200.00
250	4 to 5 feet.....	3.50	30.00	-----

**Grandiflora Rosea, Bride. 12-15 ft.**

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.

520	18 to 24 inches.....	1.70	14.00	120.00
400	2 to 3 feet.....	2.10	18.00	160.00
600	3 to 4 feet.....	2.50	22.00	200.00
400	4 to 5 feet.....	3.50	30.00	-----

**Pink Tatarian, tatarica rosea. 10-12 ft.**

Hardy, vigorous grower. Pink flowers, April-May, red fruit.

150	12 to 18 inches.....	1.20	10.00	-----
320	18 to 24 inches.....	1.70	14.00	120.00
400	2 to 3 feet.....	2.10	18.00	160.00
700	3 to 4 feet.....	2.50	22.00	200.00
480	4 to 5 feet.....	3.50	30.00	-----

**Red Tatarian, tatarica rubra. 8-10 ft.**

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

200	12 to 18 inches.....	1.20	10.00	-----
450	18 to 24 inches.....	1.70	14.00	120.00
500	2 to 3 feet.....	2.10	18.00	160.00
800	3 to 4 feet.....	2.50	22.00	200.00

**HONEYSUCKLE (Also see Hedging)****HYDRANGEA arborescens grandiflora, Snowhill. 3-6 ft.**

Large, double white flowers June-July. Thrives in shady places.

250	12 to 18 inches.....	2.10	18.00	-----
400	18 to 24 inches.....	2.50	22.00	-----
650	2 to 3 feet.....	3.20	28.00	-----
150	2½ to 3 feet, heavy.....	3.70	32.00	-----

**Paniculata Grandiflora, Peegee Hydrangea. 6-8 ft.**

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

2850	12 to 18 inches.....	2.10	18.00	150.00
400	18 to 24 inches.....	2.50	22.00	200.00
500	2 to 3 feet.....	3.20	28.00	250.00
240	Tree Form, 2 to 3 feet.....	5.50	50.00	-----
75	" " 3 to 4 feet.....	8.00	75.00	-----

**ILEX verticillata, Winterberry. 6-8 ft.**

Bright red berries which remain until midwinter.

370	12 to 18 inches.....	\$1.70	\$14.00	\$ ----
690	18 to 24 inches.....	2.40	20.00	-----
520	2 to 3 feet.....	2.90	25.00	-----



## ORNAMENTAL SHRUBS—Continued

**KERRIA japonica, Single Kerria. 4 ft.**

Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.		Per 10	Per 100	Per 1000
200	12 to 18 inches.....	\$2.10	\$18.00	\$.....
50	18 to 24 inches.....	3.00	---	---

**Japonica flore-pleno, Double Kerria. 4 ft.**

Similar to above variety with double flowers.				
220	18 to 24 inches.....	3.50	30.00	---
135	3 to 4 feet.....	5.00	45.00	---

**KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.**

A graceful shrub, covered with small pink flowers in May.				
950	18 to 24 inches.....	3.50	30.00	---
1100	2 to 3 feet.....	4.50	40.00	---

**LESPEDEZA, formosa, Purple Bushclover (Desmodium penduliflorum). 5-6 ft.**

An herbaceous perennial shrub with attractive purple flowers in September.				
50	2-year, Medium.....	2.10	18.00	---
150	2-year, No. 1.....	2.90	25.00	---
110	3-year, No. 1.....	3.50	30.00	---

**LILAC, Syringa. 12-15 ft.****French Lilacs, Named Varieties.**

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

18 to 24 inches.....	3.50	30.00	---	---
2 to 3 feet.....	4.50	40.00	---	---
3 to 4 feet.....	6.50	60.00	---	---
	3-4	2-3	18-24	12-18
Alphonse Laval, d violet.....	---	280	100	200
Belle de Nancy, d rose, white center.....	400	300	---	---
Bleuatre, d purple.....	50	260	---	---
Chas. Joly, d purple.....	370	220	---	---
*Chas. X., s reddish purple.....	780	840	670	---
Edith Cavell, d white.....	---	15	25	---
Hugo Koster, s reddish purple.....	---	60	90	---
Ludwig Spaeth, s purple.....	100	60	80	100
Mme. Abel Chatenay, d white.....	30	---	---	---
Mme. Casimir Perier, d white.....	10	40	30	100
Mme. Lemoine, d white.....	300	550	---	160
Marc Micheli, d blue.....	200	300	50	120
Marie Legraye, s white.....	140	260	160	180
Michel Buchner, d dark lilac.....	480	560	150	---
Mont Blanc, s white.....	---	20	120	40
Pres. Grevy, d light blue.....	120	690	540	90
Rhum von Horstenstein, s reddish-purple.....	35	100	40	40

\*Variety 5¢ less on each grade

**Common Purple, vulgaris. 12-18 ft.**

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.		Per 10	Per 100	Per 1000
350	12 to 18 inches.....	\$1.40	\$12.00	\$.....
650	18 to 24 inches.....	1.90	16.00	140.00
1600	2 to 3 feet.....	2.40	20.00	180.00
400	3 to 4 feet.....	3.50	30.00	---

**Common White, vulgaris alba. 12-15 ft.**

Hardy, vigorous shrub. Attractive foliage, single white flowers.				
100	12 to 18 inches.....	1.70	14.00	---
300	18 to 24 inches.....	2.10	18.00	---
560	2 to 3 feet.....	2.90	25.00	---
110	3 to 3½ feet.....	4.00	35.00	---

## ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*—Continued**Chinese, rothomagensis. 8-10 ft.**

Generally grown and sold for Persian Lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

		Per 10	Per 100	Per 1000
1500	12 to 18 inches.....	\$1.70	\$14.00	\$ ----
2250	18 to 24 inches.....	2.10	18.00	160.00
1900	2 to 3 feet.....	2.50	22.00	200.00
2060	3 to 4 feet.....	3.20	28.00	250.00
1200	4 to 5 feet.....	4.00	35.00	----
400	5 to 6 feet.....	5.00	45.00	----

**Dr. Breitenschneider. 8-10 ft.**

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. *Villosa* type, blooms late.

		Per 10	Per 100	Per 1000
120	12 to 18 inches.....	\$1.80	\$15.00	\$ ----
260	18 to 24 inches.....	2.40	20.00	----
260	2 to 3 feet.....	2.90	25.00	----
25	3 to 4 feet.....	3.50	----	----

**Josikaea, Hungarian Lilac. 8-10 ft.**

Upright grower, attractive dark green foliage, dark violet flowers. June.

60	12 to 18 inches.....	1.80	15.00	----
320	18 to 24 inches.....	2.40	20.00	----
450	2 to 3 feet.....	2.90	25.00	----
40	3 to 4 feet.....	4.00	----	----

**Persian Purple, persica. 8-10 ft.**

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Chinese or *Rothomagensis* far superior.

400	12 to 18 inches.....	\$1.70	\$14.00	\$ ----
520	18 to 24 inches.....	2.10	18.00	----
600	2 to 3 feet.....	2.50	22.00	----
460	3 to 4 feet.....	3.20	28.00	----
250	4 to 5 feet.....	4.00	35.00	----

**Persian White, persica alba. 6-7 ft.**

White flowering variety.

40	18 to 24 inches.....	2.50	----	----
100	2 to 3 feet.....	3.50	30.00	----
110	3 to 4 feet.....	4.50	40.00	----

**Rubra de Marley, vulgaris variety. 10-12 ft.**

An improved strain of *vulgaris* lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

100	12 to 18 inches.....	1.70	14.00	----
760	18 to 24 inches.....	2.10	18.00	160.00
450	2 to 3 feet.....	2.50	22.00	200.00
100	3 to 4 feet.....	4.00	35.00	----

**Villosa, Late Lilac. 8-10 ft.**

Bushy, compact grower. Large, attractive leaves, pale pink flowers, June.

70	12 to 18 inches.....	1.80	15.00	----
400	18 to 24 inches.....	2.40	20.00	----
300	2 to 3 feet.....	2.90	25.00	----
160	3 to 4 feet.....	4.00	35.00	----

## ORNAMENTAL SHRUBS—Continued

**PHILADELPHUS, Mockorange (Syringa)****Banniere. 8 ft.**

New, early, semi-double, pure white. Blooms freely.

	Per 10	Per 100	Per 1000
50 18 to 24 inches.....	\$2.00	\$-----	\$-----
100 2 to 3 feet.....	2.90	25.00	-----
100 3 to 4 feet.....	3.50	-----	-----

**Bouquet Blanc. 4-5 ft.**

Blooms freely in May and June. Very fragrant. Outstanding variety

100 9 to 12 inches.....	1.20	10.00	-----
400 12 to 18 inches.....	1.80	15.00	-----
260 18 to 24 inches.....	2.40	20.00	-----
300 2 to 3 feet.....	2.90	25.00	-----
85 3 to 4 feet.....	4.00	35.00	-----

**Coronarius, Sweet Mockorange (Garland Syringa). 8-10 ft.**

A popular well known, hardy shrub. White, fragrant flowers in May-June.

1400 18 to 24 inches.....	1.70	14.00	120.00
2400 2 to 3 feet.....	2.10	18.00	150.00
1100 3 to 4 feet.....	2.50	22.00	200.00
150 4 to 5 feet.....	3.20	28.00	250.00

**Lemoinei, Lemoine Mockorange. 4-5 ft.**

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

150 9 to 12 inches.....	.70	6.00	-----
900 12 to 18 inches.....	1.20	10.00	-----
1200 18 to 24 inches.....	1.70	14.00	120.00
520 2 to 2½ feet.....	1.80	16.00	140.00
540 2½ to 3 feet.....	2.10	18.00	160.00

**Virginal. 7-8 ft.**

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

420 18 to 24 inches.....	2.90	25.00	-----
1800 2 to 3 feet.....	3.50	30.00	280.00
900 3 to 4 feet.....	4.00	35.00	320.00
550 4 to 5 feet.....	5.00	45.00	-----

**PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.**

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

110 18 to 24 inches.....	1.40	12.00	-----
140 2 to 3 feet.....	1.90	16.00	-----
190 3 to 4 feet.....	2.40	20.00	-----

**Goldleaf Ninebark (Spirea aurea). 8-10 ft.**

Golden leaved variety producing white flowers in May-June.

100 12 to 18 inches.....	.95	8.00	-----
300 18 to 24 inches.....	1.40	12.00	-----
400 2 to 3 feet.....	1.90	16.00	-----
300 3 to 4 feet.....	2.40	20.00	-----

**Opulifolius Nana, Dwarf Ninebark. 4-5 ft.**

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

300 18 to 24 inches.....	1.70	14.00	-----
1200 2 to 3 feet.....	2.10	18.00	160.00
2200 3 to 4 feet.....	2.50	22.00	200.00
400 4 to 5 feet.....	3.20	28.00	-----



**PRIVET—Ligustrum****Amoor North, amurense. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
4100 9 to 12 inches, branched.....	\$ ----	\$ 2.50	\$ 22.00
2800 12 to 18 inches, 3 canes.....	----	4.50	40.00
4100 18 to 24 inches, 3 canes and up.....	----	6.00	50.00
2500 2 to 3 feet, 4 canes and up.....	----	7.50	65.00
5200 2 to 3 feet, 5 canes and up.....	----	8.50	75.00
1400 3 to 4 feet, 4 canes and up.....	----	9.00	80.00
400 3 to 4 feet, 5 canes and up.....	----	10.00	----

**California, ovalifolium. 12-15 ft.**

An attractive, popular hedge plant where hardy.

2000 12 to 18 inches, 3 canes and up.....	3.00	25.00
3000 18 to 24 inches, 3 canes and up.....	4.00	35.00
2500 2 to 3 feet, 4 canes and up.....	5.50	50.00
800 3 to 4 feet, 5 canes and up.....	7.00	60.00

**European, vulgare. 10-12 ft.**

Dark green foliage, creamy white flowers. June-July. Blue-black berries.

500 9 to 12 inches, branched.....	2.90	25.00
1800 18 to 24 inches, 3 canes and up.....	5.50	50.00
1500 3 to 4 feet, 4 canes and up.....	9.00	80.00

**Ibodium, Hardy California. 8-10 ft.**

Upright, vigorous, with foliage similar to California but much hardier.

600 12 to 18 inches, 3 canes and up.....	3.50	30.00
2000 18 to 24 inches, 3 canes and up.....	4.50	40.00
1100 2 to 3 feet, 4 canes and up.....	6.00	55.00

**Regal. 6-8 ft.**

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

2500 12 to 18 inches.....	12.00	100.00
4900 18 to 24 inches.....	18.00	160.00
3600 2 to 2½ feet.....	25.00	220.00
670 2½ to 3 feet.....	30.00	----
145 3 to 3½ feet.....	40.00	----

**PRUNUS, Ornamental Plums. (See Deciduous Trees.)****PURPLE FRINGE. (See Rhus.)****RHODOTYPOS kerrioides, Jetbead (White Kerria). 4-5 ft.**

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

	Per 10	Per 100	Per 1000
140 18 to 24 inches.....	\$2.40	\$20.00	\$ ----
300 2 to 3 feet.....	2.90	25.00	----
300 3 to 4 feet.....	3.50	30.00	----

**RHUS canadensis, Fragrant Sumac. (Aromatica). 5-6 ft.**

Aromatic shrub. Small yellowish flowers, April-May, followed by red berries.

120 12 to 18 inches.....	1.80	15.00	----
480 18 to 24 inches.....	2.40	20.00	----
450 2 to 3 feet.....	2.90	25.00	----
320 3 to 4 feet.....	3.50	30.00	----
60 4 to 5 feet.....	4.50	40.00	----

## ORNAMENTAL SHRUBS—Continued

## RHUS—Continued

*copallina*, Shining Sumac, 12-14 ft.

Attractive foliage with striking coloring in Autumn. Showy, crimson fruits.			
		Per 10	Per 100 Per 1000
30	18 to 24 inches, tree form, branched	\$2.90	\$25.00 \$ ----
100	3 to 4 feet, " " " "	4.50	40.00 ----

*Cotinus* (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers, July-August, making a fine specimen.			
200	12 to 18 inches	2.40	20.00 ----
50	3 to 4 feet	5.50	50.00 ----
50	4 to 5 feet	7.00	65.00 ----

*Glabra*, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries, August-September.			
1100	12 to 18 inches	1.10	9.00 80.00
1200	18 to 24 inches	1.40	12.00 100.00
1300	2 to 3 feet	2.10	18.00 150.00
450	3 to 4 feet	2.50	22.00 200.00

Shredded or Fern-Leaved Sumac, *typhina laciniata*. 10-12 ft.

Rapid grower, attractive, long feathery leaves finely cut.			
130	12 to 18 inches	1.40	12.00 ----
60	18 to 24 inches	1.90	16.00 ----
70	2 to 3 feet	2.40	20.00 ----
50	3 to 4 feet	2.90	25.00 ----
50	4 to 5 feet	4.00	35.00 ----

*Trilobata*, Skunk bush. 5-6 ft.

Strongly-scented, dwarf shrub; greenish flowers in clustered spikes followed by red, hairy fruit.			
110	12 to 18 inches	1.70	14.00 ----
290	18 to 24 inches	2.10	18.00 ----
220	2 to 3 feet	2.90	25.00 ----

*Typhina*, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.			
70	18 to 24 inches	1.20	10.00 ----
115	2 to 3 feet	1.70	14.00 ----

*RIBES alpinum*, Mountain Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.			
250	12 to 15 inches	1.70	14.00 ----
250	15 to 18 inches	2.10	18.00 ----
330	18 to 24 inches	2.50	22.00 ----

*Odoratum*, Golden Currant (*Aureum*). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.			
100	12 to 18 inches	1.20	10.00 ----
150	18 to 24 inches	1.70	14.00 ----
400	2 to 3 feet	2.10	18.00 ----
560	3 to 4 feet	2.90	25.00 ----
220	4 to 5 feet	4.00	35.00 ----

*SALIX purpurea*, dwarf blue-leaf Arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.			
200	12 to 15 inches	1.70	14.00 ----
300	15 to 18 inches	2.10	18.00 ----
300	18 to 24 inches	2.50	22.00 ----

SNOWBALL. (See *Viburnum*)

## ORNAMENTAL SHRUBS—Continued

**SORBARIA, sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers. June-July.

		Per 10	Per 100	Per 1000
140	18 to 24 inches.....	\$1.40	\$12.00	\$-----
620	2 to 3 feet.....	1.90	16.00	140.00
190	3 to 4 feet.....	2.40	20.00	-----

**SPIREA, Anthony Waterer. 3-4 ft.**

A valuable dwarf shrub, bright red flowers, June-September.

		Per 10	Per 100	Per 1000
2400	9 to 12 inches.....	1.10	9.00	-----
3600	12 to 15 inches.....	1.70	14.00	120.00
5400	15 to 18 inches.....	2.10	18.00	160.00
3400	18 to 24 inches.....	2.40	20.00	180.00
1800	2 to 2½ feet.....	2.50	22.00	200.00

**Arguta, Garland Spirea. 5-6 ft.**

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

		Per 10	Per 100	Per 1000
1100	18 to 24 inches.....	1.40	12.00	-----
2600	2 to 3 feet.....	1.90	16.00	140.00
1100	3 to 3½ feet.....	2.40	20.00	180.00

**Billiard Spirea, billiardi. 5-6 ft.**

Bright pink flowers in spikes, July-September.

		Per 10	Per 100	Per 1000
120	12 to 18 inches.....	.95	8.00	-----
580	18 to 24 inches.....	1.40	12.00	100.00
850	2 to 3 feet.....	1.90	16.00	140.00

**Bumalda Superba. 3-5 ft.**

Dwarf variety. Vigorous and hardy as Froebel; more upright. Bright pink flowers, beautiful purplish foliage in autumn.

		Per 10	Per 100	Per 1000
600	9 to 12 inches.....	.95	8.00	-----
2200	12 to 18 inches.....	1.40	12.00	100.00

**Froebel Spirea. 4 ft.**

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

		Per 10	Per 100	Per 1000
600	12 to 18 inches.....	1.20	10.00	90.00
2100	18 to 24 inches.....	1.70	14.00	120.00
2900	2 to 2½ feet.....	2.10	18.00	160.00
1200	2½ to 3 feet.....	2.50	22.00	200.00

**Japanese White, japonica ovalifolia (callosa alba). 3 ft.**

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

		Per 10	Per 100	Per 1000
350	9 to 12 inches.....	1.20	10.00	-----
400	15 to 18 inches.....	2.40	20.00	-----
300	18 to 24 inches.....	2.90	25.00	-----

**Korean, trichocarpa. 5 ft.**

New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

		Per 10	Per 100	Per 1000
900	12 to 18 inches.....	.95	8.00	-----
1100	18 to 24 inches.....	1.40	12.00	-----
900	2 to 3 feet.....	1.90	16.00	-----
200	3 to 4 feet.....	2.40	20.00	-----
250	4 to 5 feet.....	2.90	25.00	-----

**Opulifolius, Ninebark. (See Physocarpus.)****Prunifolia, Double Bridalwreath. 5-6 ft.**

Small plum-like, double white flowers blooming profusely. Hardy.

		Per 10	Per 100	Per 1000
100	18 to 24 inches.....	2.10	18.00	-----
750	2 to 3 feet.....	2.50	22.00	200.00

**Sorbifolia (See Sorbaria)**



## ORNAMENTAL SHRUBS—Continued

## SPIREA—Continued

**Thunberg Spirea, thunbergi. 3-4 ft.**

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April. Per 10 Per 100 Per 1000

250	12 to 18 inches	\$1.10	\$ 9.00	\$ -----
800	18 to 24 inches	1.80	15.00	130.00
1100	2 to 2½ feet	2.10	18.00	160.00
570	2½ to 3 feet	2.40	20.00	-----

**Vanhoutte Spirea. 5-6 ft.**

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

7600	12 to 18 inches	.80	7.00	60.00
5100	18 to 24 inches	1.20	10.00	90.00
8400	2 to 3 feet	1.70	14.00	120.00
3500	3 to 4 feet	2.10	18.00	160.00
130	4 to 5 feet	2.90	25.00	-----

## SYMPHORICARPOS, Snowberry

**Chenaulti, Improved Coral Berry. 6-8 ft.**

New, very small leaves; graceful arching branches; pink flowers, red fruit.

500	18 to 24 inches	1.10	9.00	80.00
1400	2 to 3 feet	1.70	14.00	120.00
400	3 to 3½ feet	2.10	18.00	-----

**Racemosus, Common Snowberry. 6-7 ft.**

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

250	12 to 18 inches	.70	6.00	-----
1100	18 to 24 inches	1.10	9.00	80.00
2200	2 to 3 feet	1.70	14.00	120.00

**Vulgaris, Coralberry (Red Snowberry). 4-5 ft.**

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

180	12 to 18 inches	.70	6.00	-----
1180	18 to 24 inches	1.10	9.00	80.00
1850	2 to 3 feet	1.70	14.00	120.00

## SUMAC (See Rhus).

## TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches	.95	8.00	-----
18 to 24 inches	1.40	12.00	-----
2 to 3 feet	1.90	16.00	-----
3 to 4 feet	2.40	20.00	-----

## SILVER FOLIAGE VARIETIES

	3/4	2/3	18/24	12/18
Amurensis	40	150	80	320
Hispida	200	180	340	-----
Odessana	50	60	300	180

## GREEN FOLIAGE VARIETIES

	3/4	2/3	18/24	12/18
Africana	160	180	70	270
Gallica Indica	-----	60	250	290
Tetandra purpurea	-----	-----	-----	180

## ORNAMENTAL SHRUBS—Continued

**TAMARIX hispida rubra, Summer Glow. 12-15 ft.**New bright wine-red flowering variety of *Tamarix-Hispida*.

	Per 10	Per 100	Per 1000
150 12 to 18 inches.....	\$2.40	\$20.00	\$ ----

**VIBURNUM, americanum, American Cranberrybush. 8-12 ft.**

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

70 18 to 24 inches.....	2.50	22.00	----
90 2 to 3 feet.....	3.20	28.00	----

**Dentatum, Arrowwood. 10-12 ft.**

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

150 12 to 18 inches.....	1.40	12.00	----
1100 18 to 24 inches.....	2.10	18.00	150.00
1640 2 to 3 feet.....	2.40	20.00	180.00
1260 3 to 4 feet.....	3.20	28.00	250.00
450 4 to 5 feet.....	4.00	35.00	----

**Lantana, Wayfaring Tree. 10-15 ft.**

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

530 12 to 18 inches.....	1.40	12.00	----
1060 18 to 24 inches.....	2.25	19.00	160.00
1760 2 to 3 feet.....	2.50	22.00	200.00
800 3 to 4 feet.....	3.20	28.00	250.00
220 4 to 5 feet.....	4.00	35.00	----

**Lentago, Nannyberry. 18-20 ft.**

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

600 18 to 24 inches.....	2.10	18.00	----
850 2 to 3 feet.....	2.50	22.00	----
670 3 to 4 feet.....	3.50	30.00	----
180 4 to 5 feet.....	5.00	45.00	----

**Molle, Kentucky Viburnum. 8-10 ft.**Similar to *Dentatum*. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

50 12 to 18 inches.....	1.40	12.00	----
480 18 to 24 inches.....	2.10	18.00	150.00
650 2 to 3 feet.....	2.40	20.00	180.00
240 3 to 4 feet.....	3.20	28.00	250.00
15 4 to 5 feet.....	4.00	----	----

**Opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.**

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

175 9 to 12 inches.....	1.40	12.00	----
860 12 to 18 inches.....	1.90	16.00	----
1050 18 to 24 inches.....	2.40	20.00	----
950 2 to 3 feet.....	2.90	25.00	----
510 3 to 4 feet.....	4.00	35.00	----

**Opulus Sterilis, Common Snowball. 10-12 ft.**

Popular shrub. Blooms profusely. Large double white flowers. April-May.

550 12 to 18 inches.....	1.90	16.00	----
560 18 to 24 inches.....	2.40	20.00	----
700 2 to 3 feet.....	2.90	25.00	----
370 3 to 4 feet.....	4.00	35.00	----

## ORNAMENTAL SHRUBS—Continued

## VIBURNUM—Continued

**Pubescens, Downy Viburnum. 3-6 ft.**

Dwarf grower with greenish white flowers followed by black fruit.

		Per 10	Per 100	Per 1000
90	12 to 18 inches.....	\$1.80	\$15.00	\$-----
50	18 to 24 inches.....	2.40	20.00	-----
200	2 to 3 feet.....	2.90	25.00	-----
200	3 to 4 feet.....	4.00	35.00	-----

**VITEX Macrophylla, (latifolia) Big Leaved Chaste Tree. 4-6 ft.**

Semi-dwarf hardy form of Vitex with attractive lavender-blue flowers. July to frost.

100	2 to 3 feet.....	2.50	22.00	-----
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## WEIGELA

**Eva Rathke, Red Flowered Weigela. 4-5 ft.**

Blooms profusely, producing brilliant crimson flowers. May-June.

190	12 to 18 inches.....	1.80	15.00	-----
900	2 to 3 feet.....	2.90	25.00	-----
400	3 to 4 feet.....	4.00	35.00	-----

**Rosea, Pink Weigela. 6-8 ft.**

Popular shrub with beautiful showy pink flowers, May-June.

2800	12 to 18 inches.....	1.10	9.00	-----
1900	18 to 24 inches.....	1.70	14.00	120.00
1800	2 to 3 feet.....	1.90	16.00	-----
800	3 to 4 feet.....	2.50	22.00	-----

## HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

**BARBERRY, thunbergi, Japanese Barberry.**

		Per 100	Per 1000
11000	1 year, 6 to 9 inches.....	\$ 1.10	\$ 9.00
8500	1 year, 9 to 12 inches.....	1.70	14.00
1100	12 to 18 inches, 2 year seedlings, branched.....	2.90	25.00
900	2 to 3 feet, 3 year seedlings, branched.....	7.00	60.00
5000	9 to 12 inches, transplanted, 2 year branched.....	4.50	40.00
6000	12 to 15 inches, transplanted, 2 year branched, bushy..	7.00	60.00

**Red Leaved, atropurpurea.**

2200	1 year, 6 to 9 inches.....	3.00	25.00
500	1 year, 9 to 12 inches.....	4.00	35.00

**CARAGANA arborescens, Siberian Peatree.**

1900	6 to 12 inches, seedlings.....	.70	6.00
3000	18 to 24 inches, seedlings.....	1.40	12.00
4000	2 to 3 feet, seedlings.....	1.90	16.00
900	3 to 4 feet, seedlings.....	2.40	20.00

**HONEYSUCKLE, Lonicera, upright hardy varieties.****Tatarian, Pink, Red, White.**

1100	12 to 18 inches.....	6.00	50.00
1500	18 to 24 inches.....	8.00	70.00

**MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings.)****PRIVET. (See Shrubs.)****RUSSIAN OLIVE. (See Deciduous Tree Seedlings.)****SPIREA, Van Houtte.**

6700	10 to 15 inches.....	3.50	29.00
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## VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle

**AMPELOPSIS, Boston Ivy, tricuspidata (Veitchi). 40-50 ft.**

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

	Per 10	Per 100	Per 1000
220 2 year Medium.....	\$2.10	\$18.00	\$
400 2 year No. 1.....	2.60	22.00	
300 3 year No. 1.....	2.90	25.00	

**Engelmann Creeper, engelmanni. 30-40 ft.**

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

1000 2 year Medium.....	1.40	12.00	100.00
2400 2 year No. 1.....	1.90	16.00	140.00
1600 3 year No. 1.....	2.10	18.00	-----

**St. Pauli, saintpauli.**

An improved type of Engelmanni.

80 2 year Medium.....	1.70	14.00	-----
120 2 year No. 1.....	2.10	18.00	-----
50 3 year No. 1.....	2.40	20.00	-----

**Virginia Creeper, quinquefolia. 30-40 ft.**

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

1780 2 year Medium.....	1.40	12.00	100.00
1400 2 year No. 1.....	1.90	16.00	140.00
230 3 year No. 1.....	2.10	18.00	-----

**ARISTO tomentosa, Pipe Vine. 20-35 ft.**

Flowers yellow, leaves much smaller than a Siphon.

200 2 year Medium.....	1.20	10.00	-----
300 2 year No. 1.....	1.70	14.00	-----
400 3 year No. 1.....	2.10	18.00	-----

**BIGNONIA, radicans, Trumpet Vine. 20-30 ft.**

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

600 2 year Medium.....	1.10	9.00	-----
2100 2 year No. 1.....	1.40	12.00	-----
1250 3 year No. 1.....	1.80	15.00	-----

**CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.**

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

100 2 year Medium.....	1.40	12.00	-----
800 2 year No. 1.....	1.90	16.00	-----
850 3 year No. 1.....	2.40	20.00	-----

**Scandens, American Bittersweet. 20-25 ft.**

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

1800 2 year Medium.....	1.40	12.00	-----
900 2 year No. 1.....	1.90	16.00	-----
200 3 year No. 1.....	2.40	20.00	-----



A truly large-flowering Red Clematis of the Jackmani type. More and larger blooms on vines of unusual vigor. Color plates, folders, etc., will be ready soon. A "Leader" for catalogues, agents and all other outlets.

Wholesale Prices		Retail Resale Prices	
Per 10	Per 100	Each	Per 12
\$8.50	\$75.00	\$1.50	\$15.00

## VINES—Continued

**CLEMATIS, Large Flowering. 10-15 ft.**

Popular hybrids on account of the beautiful purple, red and white flowers.

	Per 10	Per 100	Per 1000
3 inch pots, staked with 24 inch tops.....	\$3.50	\$28.00	\$.....
2 year Medium, dormant.....	3.50	30.00	.....
2 year No. 1 dormant.....	4.50	40.00	.....
	3-inch pots	2-Yr. Med.	2-Yr. No. 1
Henryi, white.....	70	100	90
Jackmani, purple.....	400	560	420
Mme. Edouard Andre, red.....	250	230	100
Ramona, light blue.....	140	110	70

**Crispa, Curly Clematis. 3-4 ft.**

A slender vine with purplish flowers. Fragrant.

	Per 10	Per 100	Per 1000
130 2 year No. 1.....	\$1.80	\$15.00	\$.....

**Paniculata, Sweet Autumn Clematis. 20-30 ft.**

A valuable climber literally covered with white fragrant flowers in September.

250 2 year Medium.....	2.40	20.00	----
100 2 year No. 1.....	2.90	25.00	----

**Texensis, Scarlet Clematis (coccinea). 5-6 ft.**

Large, bell shaped scarlet flowers. Attractive foliage.

140 2 year No. 1.....	1.80	15.00	----
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**EUONYMUS****Radicans, Wintercreeper. 5-6 ft.**

Evergreen, shining deep green foliage. Upright habit. Needs some protection.

120 2 year No. 1.....	3.50	30.00	----
140 3 year No. 1.....	4.00	35.00	----

**Radicans Colorata, Redleaved Wintercreeper. 6-12 ft.**

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

650 2 year Medium.....	2.10	18.00	----
450 2 year No. 1.....	2.50	22.00	----

**Radicans Vegetus, Bigleaf Wintercreeper. 3-6 ft.**

Evergreen. Dark green, thick leaves, producing bright scarlet berries.

150 2 year Medium.....	3.50	30.00	----
200 2 year No. 1.....	4.50	40.00	----

**HEDERA helix, English Ivy.**

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

700 2½ inch pot plants.....	1.20	10.00	----
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**HONEYSUCKLE, Lonicera.****Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

400 2 year No. 1.....	3.50	30.00	250.00
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**Hall's Japan, japonica halleana. 20-25 ft.**

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

2800 2 year Medium.....	1.00	8.50	75.00
5800 2 year No. 1.....	1.40	12.00	100.00
1800 3 year No. 1.....	1.90	16.00	140.00

## VINES—Continued

HONEYSUCKLE, *Lonicera*—Continued

## Heckrotti, (Summer King) 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

		Per 10	Per 100	Per 1000
200	2 year medium	\$2.10	\$18.00	\$ ----
400	2 year No. 1	2.50	22.00	----

Scarlet Trumpet Honeysuckle, *sempervirens* 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

140	2 year Medium	1.40	12.00	----
340	2 year No. 1	1.90	16.00	----
150	3 year No. 1	2.40	20.00	----

POLYGONUM *auberti*, China Fleecevine. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

400	2 year Medium	2.10	18.00	----
550	2 year No. 1	2.50	22.00	----

WISTERIA, *American frutescens*. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers, June-July.

600	2 year Medium, grown from blooming wood	1.70	14.00	120.00
2400	2 year No. 1, grown from blooming wood	2.10	18.00	150.00
2200	3 year No. 1, grown from blooming wood	2.50	22.00	200.00

## Chinese Blue or White. 30-40 ft.

Long clusters showy flowers in May.

100	2 year Medium, grafts	2.40	20.00	----
600	2 year No. 1, "	2.90	25.00	----

## Multijuga, Long Clusters Wisteria, Blue. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two or three feet. Valuable.

150	2 year Medium, grafts	1.80	15.00	----
300	2 year No. 1, "	2.40	20.00	----
40	3 year No. 1, "	2.90	25.00	----



## JUNIPER PFITZERIANA

Our Pfitzer Juniper are frequently sheared, developing into compact heavy well furnished plants. All grades are available up to 5 to 6 foot spread, including beautiful specimens that have been staked, sheared and grown upright.



## EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Can dig Evergreens, roots puddled at the following reduction in price:

12 to 18 inches at 15¢. 18 to 24 inches at 20¢. 2 to 3 feet at 25¢.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

### ARBOR VITAE, Thuja

**Occidentalis Globosa, Globe Arbor Vitae. 2½-3 ft.**

Naturally globe shaped. Useful in formal work.

	Per 10	Per 100
40 12 x 12 inches.....	\$ 7.50	\$ ----
30 15 x 15 inches.....	10.00	----
35 18 x 18 inches.....	12.50	----

### FIR, Abies

**PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.**

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

20 3 to 4 feet.....	20.00	----
20 4 to 5 feet.....	27.50	----

### JUNIPER, Juniperus

**CHINENSIS PFITZERIANA, Pfitzer Juniper, 5-6 ft.**

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.

190 15 to 18 inches.....	15.00	135.00
420 18 to 24 inches.....	17.50	160.00
300 2 to 2½ feet.....	22.00	200.00
540 2½ to 3 feet.....	27.50	250.00
220 3 to 3½ feet.....	35.00	325.00
80 3½ to 4 feet.....	40.00	375.00
150 4 to 5 feet.....	47.50	450.00
15 5 to 6 feet.....	60.00	----
20 2½ to 3 feet, Staked Upright, Heavy.....	32.50	----
100 3 to 3½ feet, " " ".....	40.00	375.00
70 3½ to 4 feet, " " ".....	45.00	425.00

**COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.**

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

100 12 x 12 inches.....	11.00	100.00
90 15 x 15 inches.....	14.00	125.00
30 18 x 18 inches.....	17.50	----

## EVERGREENS—Continued

## JUNIPER—Continued

**COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.**

Low, vase shaped habit of growth. Bright green foliage, light blue berries.		
	Per 10	Per 100
20 15 to 18 inches.....	10.00	
75 18 to 24 inches.....	15.00	135.00

**COMMUNIS CANADENSIS DEPRESSA, Prostrate Juniper. 2-3 ft.**

Vigorous growing, low spreading habit. Needles gray-green above, silver white beneath. Dark purple berries.		
12 2½ to 3 feet.....	15.00	-----
15 3 to 3½ feet.....	17.50	-----

**COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.**

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.		
80 15 to 18 inches.....	12.50	115.00
130 18 to 24 inches.....	15.00	135.00
30 2 to 2½ feet.....	20.00	-----
30 3 to 3½ feet.....	25.00	-----

**COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.**

Foliage glaucous green. An old, well known popular variety.		
550 18 to 24 inches.....	8.00	75.00
640 2 to 3 feet.....	11.00	100.00
190 3 to 4 feet.....	16.50	150.00

**PROCUMBENS, Creeping Chinese Juniper.**

The best of creepers. Foliage bright bluish cast. Will grow anywhere.		
90 15 to 18 inches.....	14.00	125.00
100 18 to 24 inches.....	16.50	150.00
35 2 to 2½ feet.....	20.00	-----

**PROSTRATE**

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

15 to 18 inches.....	11.00	-----
18 to 24 inches.....	13.50	-----
2 to 2½ feet.....	17.50	-----

**Admirabilis**  
**Adpressus**

**Eximus**

**Planifolius**  
**Subglaucus**

**SABINA, Savin Juniper. 3-4 ft.**

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.		
250 15 to 18 inches.....	12.50	115.00
110 18 to 24 inches.....	16.50	150.00
150 2 to 2½ feet.....	20.00	185.00
100 2½ to 3 feet.....	25.00	225.00

**SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.**

Trailing stems and upright spreading branches. Dark green foliage.		
20 15 to 18 inches.....	11.00	-----
15 18 to 24 inches.....	13.50	-----
15 2 to 2½ feet.....	16.00	-----
35 2½ to 3 feet.....	20.00	-----
25 3 to 3½ feet.....	25.00	-----

**EVERGREENS—Continued****JUNIPER—Continued****SABINA TAMARISCIFOLIA, Tamarix Savin Juniper. 18-24 inches.**

Dwarf spreading habit. Foliage silvery green with soft texture.

	Per 10	Per 100
75 18 to 24 inches.....	\$20.00	\$175.00
40 2 to 2½ feet.....	25.00	225.00

**SCOPULORUM, Colorado Silver Juniper. 25-30 ft.**

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.

110 18 to 24 inches.....	15.00	135.00
420 2 to 2½ feet.....	17.50	160.00
400 2½ to 3 feet.....	21.00	190.00
550 3 to 3½ feet.....	25.00	225.00
400 3½ to 4 feet.....	28.50	260.00
120 4 to 4½ feet.....	32.50	300.00
50 4½ to 5 feet.....	40.00	375.00
25 5 to 5½ feet.....	45.00	-----
40 12 x 12 inches, Globe Sheared.....	13.50	-----

**SCOPULORUM FUNALIS. 20-30 ft.**

Pyramidal habit of growth with bluish-green, whipcord foliage, slightly silver tinged in winter.

40 2 to 2½ feet.....	22.50	-----
30 2½ to 3 feet.....	27.50	-----
25 4 to 4½ feet.....	42.50	-----

**SCOPULORUM PATHFINDER**

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

50 2 to 2½ feet.....	22.50	-----
50 2½ to 3 feet.....	27.50	-----
40 3 to 3½ feet.....	32.50	-----
30 3½ to 4 feet.....	37.50	-----
25 4 to 4½ feet.....	42.50	-----

**SCOPULORUM SILVER BEAUTY. 20-30 ft.**

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

60 2 to 2½ feet.....	22.50	-----
30 2½ to 3 feet.....	27.50	-----

**VIRGINIANA, Red Cedar. 30-40 ft.**

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

100 18 to 24 inches.....	10.00	90.00
400 2 to 3 feet.....	14.00	125.00
100 3 to 3½ feet.....	16.50	150.00
100 3½ to 4 feet.....	20.00	185.00
300 4 to 5 feet.....	26.00	235.00
150 5 to 6 feet.....	37.50	350.00
50 6 to 8 feet.....	50.00	-----
10 15 x 15 " " ".....	15.00	-----
50 12 x 12 inches, Globe Sheared.....	12.50	-----



## EVERGREENS—Continued

## JUNIPER—Continued

## VIRGINIANA BLUE RAPIDS. 30-40 ft.

Pyramidal growing Juniper carrying blue-green foliage retaining its good color throughout the fall and winter. Hardy.

	Per 10	Per 100
20 3 to 3½ feet.....	\$30.00	\$ ----
40 3½ to 4 feet.....	35.00	----
15 4 to 4½ feet.....	40.00	----
25 4½ to 5 feet.....	45.00	----

## VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

60 2½ to 3 feet.....	25.00	----
40 3 to 3½ feet.....	30.00	----
20 3½ to 4 feet.....	35.00	----
15 4 to 4½ feet.....	40.00	----
12 4½ to 5 feet.....	45.00	----

## VIRGINIANA CANNARTI, Cannart Red Cedar

Foliage deep rich green. One of the best of the many grafted varieties.

60 2½ to 3 feet.....	27.50	250.00
150 3 to 3½ feet.....	32.50	300.00
60 3½ to 4 feet.....	37.50	350.00
20 4 to 4½ feet.....	42.50	----

## VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.

Dark green foliage. Golden tipped in autumn.

15 2 to 2½ feet, sheared upright.....	20.00	----
10 2½ to 3 feet, sheared upright.....	25.00	----
10 3 to 3½ feet, sheared upright.....	30.00	----

## VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

150 2 to 2½ feet.....	22.50	200.00
90 2½ to 3 feet.....	27.50	250.00
15 3½ to 4 feet.....	35.00	----
15 4 to 4½ feet.....	40.00	----
6 4½ to 5 feet.....	45.00	----

## VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

60 3 to 3½ feet.....	30.00	----
30 3½ to 4 feet.....	35.00	----
10 4 to 4½ feet.....	40.00	----
10 4½ to 5 feet.....	45.00	----

## WAUKEGAN JUNIPER, Horizontalis Douglasi. 8-10 ft.

Steely-blue foliage. A splendid ground cover; also effective among rocks. Distinct purple hue in winter.

25 2½ to 3 feet.....	22.50	----
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## LARCH, Larix

## EUROPEAN, Europaea. 40-50 ft.

Never fails to attract attention with its beautiful delicate new growth coming out in the early spring and again in the fall when the needles turn yellow and golden. A deciduous tree, shedding leaves in autumn.

20 3 to 4 feet.....	20.00	----
12 4 to 5 feet.....	25.00	----
8 5 to 6 feet.....	32.50	----

## EVERGREENS—Continued

PINE, *Pinus***BANKSIANA, Jack Pine. 40-50 ft.**

Most northern of all pines. Hardy and fast growing. Foliage bright green.		Per 10	Per 100
45	2 to 3 feet.....	\$11.50	\$-----
50	3 to 4 feet.....	15.00	-----
10	4 to 5 feet.....	20.00	-----
50	5 to 6 feet.....	30.00	-----

**MONTANA MUGHUS, Mugho Pine. 3-4 ft.**

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.			
290	12 to 15 inches.....	16.50	150.00
300	15 to 18 inches.....	21.00	190.00
60	18 to 24 inches.....	27.50	250.00

**NIGRA, Austrian Pine. 60-70 ft.**

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.			
70	18 to 24 inches.....	12.50	110.00
150	2 to 3 feet.....	16.50	150.00
260	3 to 4 feet.....	25.00	225.00
120	4 to 5 feet.....	35.00	300.00
20	5 to 6 feet.....	40.00	-----

**PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.**

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.			
150	2 to 3 feet.....	16.50	150.00
150	3 to 4 feet.....	20.00	185.00
150	4 to 5 feet.....	27.50	250.00

**SYLVESTRIS, Scotch Pine. 60-70 ft.**

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.			
220	2 to 3 feet.....	14.00	125.00
190	3 to 4 feet.....	17.50	160.00
60	4 to 5 feet.....	22.50	200.00
40	5 to 6 feet.....	27.50	-----

SPRUCE, *PICEA***CANADENSIS, White Spruce. 60-80 ft.**

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.			
170	18 to 24 inches.....	11.00	100.00
220	2 to 3 feet.....	15.00	135.00
60	3 to 4 feet.....	22.50	200.00
15	4 to 5 feet.....	25.00	-----

**CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.**

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.			
300	15 to 18 inches.....	10.00	85.00
800	18 to 24 inches.....	13.50	115.00
400	2 to 2½ feet.....	16.00	140.00
280	2½ to 3 feet.....	20.00	185.00
150	3 to 3½ feet.....	25.00	235.00
70	3½ to 4 feet.....	32.50	275.00
15	4 to 5 feet.....	35.00	-----

**EXCELSA, Norway Spruce. 70-80 ft.**

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.			
100	18 to 24 inches.....	11.00	100.00
200	2 to 3 feet.....	15.00	135.00
110	3 to 4 feet.....	22.50	200.00

## EVERGREENS—Continued

## TAXUS, Yew

## CUSPIDATA, Spreading Japanese Yew. 5-6 ft.

		Valuable for foundation planting.		Per 10	Per 100
110	12 to 15 inches	-----		\$15.00	\$ ----
200	15 to 18 inches	-----		20.00	-----
300	18 to 24 inches	-----		25.00	-----
180	2 to 2½ feet	-----		30.00	-----

## EVERGREENS FOR LINING OUT

The careful growing and handling of Evergreen Lining Out Stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

50 of any variety and size at the hundred rate.

500 of any variety and size at the thousand rate.

**KEY: TTT**—Three times Transplanted

**RP**—Root Pruned

**TT**—Two times Transplanted

**S**—Seedling

**T**—Once Transplanted

## OUR ROOT PRUNED STOCK WILL PLEASE YOU

## ABIES BALSAM (Balsam Fir)

Rapid grower. Color is dark green with lighter green on the under-side. Each twig ends in a globule of balsam gum.

		Per 100	Per 1000
2000	6 to 9 inches TT	\$ 7.50	\$ 65.00
500	9 to 12 inches RP	7.00	-----
500	9 to 12 inches TT	12.00	100.00

## ABIES CONCOLOR (Concolor Fir)

Silvery toned foliage varying from sea-green to deep blue. Forms a compact, symmetrical tree.

		15.00	-----
250	12 to 18 inches TT	15.00	-----
1600	9 to 12 inches, TT	12.00	100.00
3000	6 to 9 inches TT	8.00	75.00
2100	9 to 12 inches RP	7.50	70.00
2400	6 to 9 inches RP	5.00	45.00

## ABIES DOUGLASI (Douglas Fir)

Makes a large symmetrical tree. Foliage bluish green. Very drought resisting and may be planted in dry soils where others cannot survive.

		8.50	75.00
1000	9 to 12 inches TT	8.50	75.00
2100	6 to 9 inches TT	7.00	60.00
3000	9 to 12 inches RP	6.00	50.00
4000	6 to 9 inches RP	5.00	40.00

## JUNIPER, Named Varieties, Field grown grafts 12 to 18 inches, TT.. 50.00

The following are evergreen grafts, on Juniper Virginiana understocks, that have been grown in the open field for one year. They are suitable for transplanting directly in the open field.

1500	Juniper Virginiana Canaerti	-----
250	Juniper Virginiana Elegantissima Lee	-----
600	Juniper Virginiana Glauca	-----
450	Juniper Virginiana Pyramidiformis (Dundee Juniper)	-----
300	Juniper Scopulorum Blue Heaven	-----
400	Juniper Scopulorum Fulgens	-----
400	Juniper Scopulorum Funalis	-----
400	Juniper Scopulorum Moffeti	-----
1500	Juniper Scopulorum Pathfinder	-----
200	Juniper Scopulorum Silver Beauty	-----
100	Juniper Scopulorum Sutherland	-----
200	Juniper Scopulorum Weiri	-----
2100	Juniper Scopulorum Welchi	-----



**EVERGREENS FOR LINING OUT—Continued****JUNIPER CHINESE**

Columnar growing evergreen with foliage light green, slightly bluish in color. Often used as an understock for grafting junipers.

		Per 100	Per 1000
1200	9 to 12 inches TT	\$12.50	\$110.00
1400	6 to 9 inches TT	10.00	90.00
500	12 to 18 inches T	12.50	110.00
1000	9 to 12 inches T	10.00	90.00

**JUNIPER COMMUNIS DEPRESSA (Prostrate Juniper)**

Low spreading, and vase-shaped habit of growth, with silvery-green foliage.

300	9 to 12 inches TT	15.00	-----
300	6 to 9 inches TT	12.00	-----
500	9 to 12 inches T	12.00	-----
500	6 to 9 inches T	9.00	-----

**JUNIPER COMMUNIS DEPRESSA PUMOSA (Andorra Juniper)**

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

400	6 to 9 inches TT	12.00	-----
-----	------------------	-------	-------

**JUNIPER COMMUNIS SUECICA (Swedish Juniper)**

Grayish-green prickly needles. Compact and pyramidal habit. Very hardy.

250	6 to 9 inches TT	12.50	-----
-----	------------------	-------	-------

**JUNIPER SCOPULORUM (Colorado Type)**

Silvery foliage and close symmetrical upright growth. Thrives in hot dry weather, when the color is the brightest. Very hardy.

400	2 to 3 feet TTT	30.00	-----
1200	18 to 24 inches TTT	25.00	220.00
1900	15 to 18 inches TTT	18.00	160.00
4000	12 to 15 inches TTT	16.00	140.00
3000	9 to 12 inches TTT	14.00	120.00
1000	18 to 24 inches TT	18.00	160.00
5100	12 to 15 inches TT	14.00	120.00
4000	9 to 12 inches TT	12.00	100.00
7000	12 to 15 inches RP	7.50	65.00
10000	9 to 12 inches RP	6.00	50.00

**JUNIPER SCOPULORUM (Montana Type)**

Very columnar grower with smooth foliage and dull leaved.

220	2 to 3 feet TTT	30.00	-----
200	18 to 24 inches TTT	25.00	-----
150	12 to 18 inches TTT	18.00	-----
600	9 to 12 inches TTT	15.00	-----
500	12 to 18 inches TT	15.00	-----

**JUNIPER VIRGINIANA (Platte River Type)**

Best Virginiana.

1200	2 to 3 feet TTT	22.00	200.00
6000	18 to 24 inches TTT	18.00	160.00
1500	12 to 18 inches TTT	14.00	120.00
4000	18 to 24 inches TT	14.00	120.00
4500	12 to 15 inches TT	9.00	80.00
4000	12 to 15 inches T	7.50	65.00

**LARIX EUROPEAN**

A deciduous evergreen, shedding leaves in Autumn.

300	12 to 18 inches TT	7.50	-----
200	9 to 12 inches TT	6.00	-----

**EVERGREENS FOR LINING OUT—Continued****PICEA CANADENSIS ALBA (White Spruce)**

Grows nearly as fast as Norway and is more compact. Makes good understocks for grafting. Seed obtained from Northern Minnesota.

		Per 100	Per 1000
300	6 to 9 inches TT	\$ 6.00	\$ ----
250	9 to 12 inches TT	6.00	----
2000	9 to 12 inches RP	5.50	45.00
2000	6 to 9 inches RP	5.00	40.00

**PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)**

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

1000	6 to 9 inches TTT	10.00	90.00
1000	9 to 12 inches TT	10.00	90.00
6000	6 to 9 inches TT	8.00	70.00
6500	4 to 6 inches TT	6.00	50.00
3000	9 to 12 inches T	9.00	80.00
4000	6 to 9 inches T	7.50	65.00
4000	4 to 6 inches T	5.00	40.00
1000	6 to 9 inches RP	5.00	40.00
6000	4 to 6 inches RP	4.00	35.00

**PICEA EXCELSA (Norway Spruce)**

A fast growing tree with bright green foliage. Makes a good wind-break as well as an ornamental tree. Used for understocks. Seeds obtained in Northern Europe.

2500	12 to 15 inches TT	10.00	90.00
3000	9 to 12 inches TT	7.50	65.00
2500	12 to 15 inches T	7.50	65.00
2500	9 to 12 inches T	6.00	50.00
2000	6 to 9 inches T	4.50	35.00
500	9 to 12 inches RP	5.00	----
4500	6 to 9 inches RP	4.00	35.00
5000	6 to 9 inches S	3.50	25.00

**PICEA PUNGENS GLAUCA (Colorado Blue Spruce)**

Foliage ranging from green to silver white. Very popular for lawn planting. We make an effort to get seeds from bluest trees in Colorado. We do not select the blue ones out before shipping.

2200	9 to 12 inches TTT	18.00	150.00
6500	6 to 9 inches TTT	13.00	110.00
1000	4 to 6 inches TT	7.00	60.00
1000	9 to 12 inches T	10.00	90.00
2500	6 to 9 inches T	9.00	80.00
2900	4 to 6 inches T	5.00	45.00
6000	9 to 12 inches RP	8.50	75.00
10000	6 to 9 inches RP	6.00	50.00
5000	4 to 6 inches RP	5.00	40.00

**PINUS BANKSIANA (Jack Pine)**

Most northern of all pines. Hardy and fast growing. Foliage bright green.

2100	2 to 3 feet RP	6.50	50.00
2000	18 to 24 inches RP	5.00	40.00
6000	12 to 18 inches RP	4.00	30.00
7000	9 to 12 inches RP	3.50	25.00

**PINUS DENSIFLORA (Jap. Red Pine)**

This is known as Japanese Table Pine. It grows with a short heavy stem and a flat top, making an ideal pine for rock garden use.

1000	18 to 24 inches, RP	6.50	55.00
1000	12 to 18 inches, RP	5.00	40.00
300	9 to 12 inches, RP	4.00	30.00
5000	6 to 9 inches	3.50	25.00

## EVERGREENS FOR LINING OUT—Continued

## PINUS FLEXILIS, (Limber Pine)

Slow growing, round topped tree of dark green foliage. Best adapted for ornamental rock plantings. Seed obtained in Colorado.

		Per 100	Per 1000
1000	6 to 9 inches, TT	\$ 6.00	\$ 50.00
1000	6 to 9 inches, RP	5.00	40.00
500	4 to 6 inches, RP	4.00	30.00

## PINUS MUGHUS DWARF

Dwarf pine of many branches. Used in rockeries and in foundation planting. Seed obtained from the Alps Mountains.

1800	6 to 9 inches TTT	17.50	150.00
1200	9 to 12 inches T	12.50	-----
6000	6 to 9 inches T	10.00	90.00
5000	4 to 6 inches T	7.50	65.00
1000	9 to 12 inches RP	8.00	70.00
6000	6 to 9 inches RP	7.00	60.00
7500	4 to 6 inches RP	5.00	40.00

## PINUS NIGRA (Austrian Pine)

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drought.

800	2 to 3 feet TTT	35.00	300.00
600	18 to 24 inches TTT	25.00	220.00
1200	18 to 24 inches RP	10.00	90.00
6000	12 to 18 inches RP	7.50	65.00
1600	9 to 12 inches RP	5.00	40.00
5000	6 to 9 inches RP	4.00	30.00
7000	4 to 6 inches RP	3.00	20.00

## PINUS PONDEROSA (Bull Pine)

A most valuable pine for ornamental, windbreak and timber planting. Very long needles and compact growth make this tree a desirable one.

4000	18 to 24 inches RP	8.50	75.00
1000	12 to 18 inches RP	6.00	50.00
2500	9 to 12 inches RP	5.00	40.00
14000	6 to 9 inches RP	3.50	25.00
16000	4 to 6 inches RP	1.80	15.00

## PINUS STROBUS (White Pine)

Grows very fast. Will grow well on most any kind of soil. Valuable.

700	2 to 3 feet TTT	25.00	200.00
800	18 to 24 inches TTT	20.00	175.00
400	12 to 15 inches TT	12.00	-----
1500	9 to 12 inches TT	9.00	80.00
500	12 to 18 inches T	9.00	80.00
600	9 to 12 inches T	7.00	60.00
500	18 to 24 inches RP	8.00	-----
1000	12 to 15 inches RP	6.00	50.00
1500	6 to 9 inches RP	4.00	30.00

## PINUS SYLVESTRIS REGENSIS (Scotch Pine)

Regensis is the best known type of Scotch Pine grown. Is a valuable tree wherever pine trees are desired. Seed from Northern Europe.

2000	9 to 12 inches T	6.00	50.00
2100	6 to 9 inches T	5.00	40.00
2200	12 to 18 inches RP	6.00	50.00
1500	9 to 12 inches RP	5.00	40.00
1400	6 to 9 inches RP	4.00	30.00

## THUJA ORIENTALIS (Chinese Arbor Vitae)

Columnar habit. Bright green attractive foliage.

1500	12 to 18 inches RP	5.00	40.00
300	9 to 12 inches RP	3.50	-----



## ROSES

Growing and distributing Roses of best quality is one of our specialties.

We offer a splendid assortment of Northern California grown roses. These roses are carefully grown; well sprayed during the growing season and dug only when well matured. All roses are carefully graded under our personal supervision and with our exceptional storage facilities for the storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

	HYBRID TEA AND EVERBLOOMING	
	Per 10	Per 100
No. 1	\$3.50	\$ 30.00
No. 1½	2.50	22.00
No. 2	1.80	15.00

## RED SHADES

	No. 1	No. 1½	No. 2
Ami Quinard, velvety crimson-maroon, vigorous and profuse.	---	240	890
Catalonia, brilliant orange-vermillion; double, cupped.	350	300	290
E. G. Hill, great massive blooms of deep velvety-maroon.	740	920	1150
Essence, velvety-crimson, double Etoile de Hollande.	---	---	200
Essence, velvety-crimson, double Etoile de Hollande.	---	---	200
Etoile de France, large, double blooms of rich, velvety-crimson.	170	480	400
Etoile de Hollande, dark velvety-red with fine fragrance.	---	120	450
Gypsy Lass, well shaped, double blooms of dark, scarlet-crimson.	160	220	250
Glowing Carmine, lasting fragrant flowers of deep carmine; continuous bloomer.	300	320	350
Grenoble, long-stemmed beautifully shaped blooms of scarlet-crimson.	280	550	200
Gruss an Teplitz, medium sized, dark maroon blooms in clusters. Very hardy.	750	800	600
Hadley, deep velvety-crimson with velvety texture.	340	480	400
Hollywood, dark, rose-red; used extensively for forcing.	250	400	200
Margaret McGredy, full blooms of orange-scarlet.	300	480	520
McGredy's Scarlet, large, brilliant scarlet shaded rose-pink.	320	400	420
Padre, copper-scarlet flushed yellow at base. Free bloomer.	---	90	100
Radiance Red, bright rose-red, form of Radiance.	650	780	400
Red Hoover, sport of President Hoover with more red predominating than in its parent. A vigorous grower and an excellent variety for cutting.	---	150	160
Rouge Mallerin, double, well formed blooms of striking and lasting deep red.	160	480	300
Sensation, large, scarlet-crimson. Blooms very double.	70	170	480
Southport, brilliant, unfading scarlet roses with full, cupped flowers, very lasting and exceedingly fragrant.	240	120	240
Syracuse, scarlet-crimsons on vigorous upright plant. Double.	140	380	400
Temno, a desirable dark red with maroon, velvety tones.	---	140	1250
Vaterland, dark red with coppery reflexes, large, double.	140	300	600
Victoria Harrington, velvety, dark red rose of merit. Intensely fragrant.	---	600	700

## PINK SHADES

	No. 1	No. 1½	No. 2
Betty Uprichard, salmon-pink stained with coppery-red.	---	560	650
Briarcliff, handsome flowers of silvery rose-pink.	---	460	600
Columbia, long stemmed, pointed flowers of vivid pink; fragrant.	420	480	200
Dame Edith Helen, excellent shape, glowing pink, double.	100	---	1400
Editor McFarland, shapely buds and double, brilliant pink blooms.	360	---	550
J. Otto Thilow, perfect buds and full flowers of rich rose-pink.	310	380	340
Leonard Barron, light salmon and shell pink suffused with pale copper. Hardy.	320	---	250

## ROSES—Continued

## HYBRID TEA AND EVERBLOOMING—Continued

## PINK SHADES—Continued

	No. 1	No. 1½	No. 2
Miss Rowena Thom, large brilliant satiny pink with gold base. Fragrant. ....	---	250	400
Mme. Butterfly, large, double, soft pink suffused apricot. ....	320	640	260
Mrs. Chas. Beil, soft, salmon-pink, sweetly perfumed. ....	460	---	---
Mrs. Henry Bowles, bright pink flushed salmon. Fragrant and vigorous. ....	260	120	150
Pink Dawn, perfectly formed, pink buds touched with salmon-rose. ....	---	300	400
Radiance Pink, large, brilliant rose-pink. Very fragrant. ....	620	1280	1950
Rapture, large double deep pink blooms on long stems. ....	460	620	670
Souv. de Mme. C. Chambard, large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose-pink, with golden glow at center. ....	100	600	800
Willowmere, rich shrimp-pink, shaded yellow in center. ....	---	180	520

## YELLOW SHADES

	No. 1	No. 1½	No. 2
Duchess of Wellington, fragrant, pale buff yellow, deeper toward center. Vigorous and prolific. ....	---	350	300
Golden Dawn, bud rich sunflower-yellow flushed old-rose. Double. ....	180	260	400
Golden Rapture, long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower. ....	480	650	720
Joanna Hill, large, yellow with bronze shadings in center. Fragrant, vigorous. ....	550	690	400
Lady Hillingdon, a popular deep apricot-yellow rose. ....	410	90	400
Lady Margaret Stewart, large, deep yellow flushed orange-red. ....	220	560	480
Luxembourg, large, coppery-yellow flowers. ....	---	220	400
Mrs. E. P. Thom, large, well shaped, bright canary yellow. ....	260	380	250
Mrs. Pierre S. du Pont, bud reddish-gold, flower deep golden-yellow, lighter with age. ....	---	---	400
Ophelia Golden, golden-yellow. Seedling of Ophelia. ....	80	60	90
Romance, golden-yellow, shading toward lemon. ....	---	160	150
Roselandia, larger, darker sport of Golden Ophelia. ....	160	180	200
Roslyn, large, double, deep golden-yellow. Vigorous grower. ....	---	220	180
Soeur Therese, double blooms of rich yellow. Vigorous. ....	460	450	400
Souv. de Claudius Pernet, beautiful long buds opening to full blooms of rich yellow. ....	180	440	400
Sunburst, rich yellow shaded coppery-orange. ....	---	---	420
Ville de Paris, lasting, well-shaped blooms of sunflower-yellow. ....	110	110	220
Yellow Sastago, vigorous yellow sport of the popular bush variety. ....	---	480	450

## TWO-TONED SHADES

	No. 1	No. 1½	No. 2
Autumn, double blooms of orange, yellow and red. Vigorous and upright. ....	---	320	650
Condesa de Sastago, deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific. ....	620	580	450
Duchess of Atholl, double, fragrant, vivid orange flushed old rose. ....	420	400	180
Duquesa de Penaranda, apricot-orange and pink. Vigorous and profuse. ....	440	420	540
Edith Nellie Perkins, pointed buds, rich orange outside and salmon-pink inside. ....	---	480	1140
Heinrich Wendland, distinctly two-toned; large, double blooms of nasturtium-red inside, golden-yellow reverse. ....	290	110	300
Hinrich Gaede, bright vermillion toned gold; good form; fragrant, a distinct and excellent variety. ....	---	540	350

## ROSES—Continued

## HYBRID TEA AND EVERBLOOMING

## TWO-TONED SHADES—Continued

	No. 1	No. 1½	No. 2
Lady Forteviot, fragrant, golden-yellow blooms changing to deep apricot. ....		260	500
Los Angeles, double, luminous coral-pink toned gold at base. ....	490	550	400
Mev. G. A. van Rossem, vivid orange and apricot on golden-yellow ground. ....	660	890	600
Mme. Edouard Herriott, large, brilliant orange-red and salmon. ....	720	720	150
Portadown Fragrance, brilliant orange-salmon-pink, flushed orange-scarlet. Fragrant. ....	360	280	250
Pres. Herbert Hoover, beautifully colored buds and blooms of yellow with pink and flame tints. ....	190	110	1200
Talisman, glowing golden-yellow stained copper red. ....	360	410	1100

## WHITE SHADES

Caledonia, large double white; long buds opening to large, double flowers. ....	340	200
Edel, large, double white with faintest ivory shading. ....	360	200
K. A. Viktoria, popular, snowy white, double. ....	150	800
Killarney Double White, large, snowy-white, intensely fragrant. ....	300	350
McGredy's Ivory, large, well-shaped, creamy-white; fragrant. ....	160	200
Mme. Jules Bouche, white with blush tints in center. ....	340	250

## HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1 .....	\$ 4.00	\$ 35.00
No. 1½ .....	2.90	25.00
No. 2 .....	1.90	16.00

	No. 1	No. 1½	No. 2
Brazier, pointed buds of burnt-orange opening to a double fragrant flower or flame-scarlet. ....		220	280
Christopher Stone, free blooming plant producing fragrant, velvety-textured roses of vivid scarlet deliciously scented. New. ....		110	750
Red Talisman, Talisman sport. Bud long-pointed; flower large, double, fragrant. Deep cerise-red blending into yellow shade at base. ....	180	100	380

## PINK SHADES

Dainty Bess, single, waxy petaled rose-pink; wine-red stamens. ....	80	300	200
Numa Fay, large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink. ....	60	40	20
Peter's Briarcliff, Briarcliff strain used by Florists for forcing. ....	200	540	1100
Picture, velvety clear rose-pink with undertones of salmon. Very double. ....	240	160	400
Pink Delight, fragrant rose-pink. Often used for forcing. ....	600	750	400
The Doctor, large, beautiful buds opening to enormous semi-double, cupped flowers of satiny-pink. Fragrant. Plant vigorous and bushy. ....	120	350	220

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.



## ROSES—Continued

## HYBRID TEA AND EVERBLOOMING—Continued

## YELLOW SHADES

No. 1    No. 1½    No. 2

**Gloriana**, a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of Condesa de Sastago. ....

40            15            190

## TWO-TONED SHADES

**Faience**, two-toned, soft peach and cadmium-yellow. This "Dutch Beauty" is regal in exquisite form from long, tapering bud to full-petaled opening of bloom. ....

150            480            300

**Mme. Joseph Perraud**, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality. ....

---            100            300

**Mrs. Sam McGredy**, a large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer. ....

---            260            600

**Talisman No. 5**, Talisman strain used by Florists for forcing. ....

420            1050            1450

## HYBRID PERPETUAL

Per 10    Per 100

No. 1 ..... \$ 3.50    \$ 30.00

No. 1½ ..... 2.50    22.00

No. 2 ..... 1.80    15.00

## RED SHADES

No. 1    No. 1½    No. 2

**American Beauty**, popular, fragrant, deep pink shaded soft carmine. ....

260            180            250

**General Jacqueminot**, rich crimson-scarlet, very fragrant. ....

320            180            400

**M. P. Wilder**, extra large crimson, well shaped blooms. ....

100            ---            ---

**P. C. de Rohan**, deep velvety maroon crimson. ....

---            180            100

**Roger Lambelin**, semi-double bright crimson, each petal streaked with white. Distinct. ....

160            340            100

**Ulrich Brunner**, large, fine shaped blossoms of cherry red. ....

320            860            1100

## PINK SHADES

**George Ahrends**, large clear pink blooms, very fragrant. ....

20            70            90

**Magna Charta**, bright pink suffused carmine. Fragrant. ....

120            200            50

**Paul Neyron**, thornless bushes with gigantic, pink, fragrant flowers. ....

540            850            480

## TWO-TONED SHADES

**Soliel d'Or**, reddish-gold and orange. ....

60            250            200

## WHITE SHADES

**F. K. Druschki**, large snow-white, free bloomer, popular. ....

200            180            560

**BABY ROSES—Dwarf Polyantha**  
Mostly California Grown

Per 10    Per 100

No. 1 ..... \$ 3.50    \$ 30.00

No. 1½ ..... 2.50    22.00

No. 2 ..... 1.80    15.00

## RED SHADES

No. 1    No. 1½    No. 2

**Crimson Baby**, small, semi-double, light crimson, dense clusters. ....

320            120            480

**Edith Cavell**, brilliant scarlet, overlaid velvety crimson. ....

320            400            300

**Erna Teschendorf**, bright red, semi-double flowers. ....

130            300            150

**Eutin**, large clusters of very double, deep red flowers on a vigorous mildew resistant bush. ....

100            50            50

**Gloria Mundi**, large, fully double, lasting, orange-scarlet, borne in clusters. ....

200            490            300

**ROSES—Continued****BABY ROSES—Dwarf Polyantha—Continued****RED SHADES—Continued**

	No. 1	No. 1½	No. 2
<b>Ideal</b> , dark scarlet, borne in profusion. Immense, compact bunches. ....	200	550	450
<b>Lafayette</b> , a dwarf, bushy grower producing semi-double, cherry-crimson flowers. ....	360	110	100
<b>Lafayette Improved</b> , large clusters of bright cherry-crimson. ....	520	----	60
<b>Red Gloria Mundi</b> , sport of Gloria Mundi with more red predominating. ....	260	200	180
<b>Sparkler</b> , a fine, cluster-flowered type, brilliant red flowers. ....	720	----	300
<b>Triomphe Orleanais</b> , large clusters of cherri-red. ....	860	120	470

**PINK SHADES**

<b>Cameo</b> , a distinct shade of shell-pink and salmon, with a glow of gold. ....	100	----	100
<b>Chatillon</b> , vivid, light salmon-pink, semi-double flowers in enormous heads. ....	620	100	300
<b>Ellen Poulsen</b> , double, bright rose-pink, fragrant. ....	280	450	200
<b>Mrs. R. M. Finch</b> , rosy-pink in large clusters, persistent bloomer. ....	80	150	----

**YELLOW AND TWO-TONED SHADES**

<b>Golden Salmon</b> , bright orange-salmon. Fine for mass planting, blooms continually. ....	180	220	400
<b>Golden Salmon Superior</b> . An improvement on Golden Salmon. ....	150	220	200
<b>Orange Triumph</b> , salmon-red with orange shadings, blooming in enormous clusters. ....	----	220	400

**WHITE SHADES**

<b>Clothilde Soupert</b> , pearly-white, pink flush at base. ....	150	180	80
---	-----	-----	----

**FLORIBUNDA ROSES**

The Floribunda group of roses represent hardy varieties recommended for mass color effect. The habit of growth is of medium height. They are very winter hardy, therefore permanent, disease resistant, bloom continuously in large clusters and do not fade in hot summer suns.

The Floribunda varieties should be planted in groups of three or more of a kind. They are recommended for use among shrubs, for continuous color, as hedges, borders, as massed bed plantings, for parks and along roadsides.

	Per 10	Per 100
No. 1 .....	\$ 3.50	\$ 30.00
No. 1½ .....	2.50	22.00
No. 2 .....	1.80	15.00

**RED SHADE**

	No. 1	No. 1½	No. 2
<b>Karen Poulsen</b> , single, brilliant-scarlet. Excellent bedding rose. ....	----	220	250
<b>Kirsten Poulsen</b> , bright scarlet in clusters on long stems. ....	480	420	200

**PINK SHADES**

<b>Else Poulsen</b> , bright, rose-pink, semi-double, lasting. ....	40	180	----
<b>Gruss an Aachen</b> , orange-pink in bud, turning to soft, salmon-pink and white on opening. ....	----	190	150
<b>Pink Gruss an Aachen</b> , deep salmon rose colored sport of Gruss an Aachen. ....	140	260	200

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## ROSES—Continued

## RUGOSA, HYBRIDS AND MISCELLANEOUS

Mostly Own Roots

		Per 10	Per 100	Per 1000
<b>Agnes, double yellow rugosa, fragrant, blooms early.</b>				
100	2 to 3 feet	\$2.90	\$25.00	\$ ----
90	18 to 24 inches	2.40	20.00	-----
50	12 to 18 inches	1.80	15.00	-----
<b>Amelia Gravereaux, carmine-red, borne on long stems.</b>				
320	2 to 3 feet	2.50	22.00	-----
250	18 to 24 inches	2.10	18.00	-----
300	12 to 18 inches	1.70	14.00	-----
200	9 to 12 inches	1.00	9.00	-----
<b>Austrian Copper, single brilliant orange-red flowers inside, yellow outside.</b>				
230	2 to 3 feet	2.50	22.00	-----
300	18 to 24 inches	2.10	18.00	-----
100	12 to 18 inches	1.70	14.00	-----
<b>Belle Poitevine, bright pink in clusters, everblooming.</b>				
1550	2 to 3 feet	2.40	20.00	180.00
900	18 to 24 inches	1.90	16.00	140.00
<b>Blanda, soft pink flowers borne in clusters.</b>				
240	3 to 4 feet	2.90	25.00	-----
550	2 to 3 feet	2.40	20.00	180.00
500	18 to 24 inches	1.90	16.00	-----
180	12 to 18 inches	1.40	12.00	-----
<b>Carolina, bright rose-pink flowers borne singly in clusters.</b>				
430	2 to 3 feet	2.40	20.00	-----
760	18 to 24 inches	1.90	16.00	-----
640	12 to 18 inches	1.40	12.00	-----
<b>C. F. Meyer, large, well formed flowers, silvery pink.</b>				
135	3 to 4 feet	3.50	30.00	-----
90	2 to 3 feet	2.50	22.00	-----
60	18 to 24 inches	2.10	18.00	-----
50	12 to 18 inches	1.70	14.00	-----
<b>F. J. Grootendorst, small bright red flowers in clusters.</b>				
300	2 to 3 feet	2.50	22.00	-----
400	18 to 24 inches	2.10	18.00	-----
1500	12 to 18 inches	1.70	14.00	120.00
2350	9 to 12 inches	1.00	9.00	80.00
<b>Grootendorst Pink, charming pink variety of Grootendorst.</b>				
150	2 to 3 feet	2.50	22.00	-----
780	18 to 24 inches	2.10	18.00	-----
1040	12 to 18 inches	1.70	14.00	120.00
<b>Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.</b>				
200	2 to 3 feet	\$2.90	\$25.00	\$ ----
740	18 to 24 inches	2.40	20.00	-----
520	12 to 18 inches	1.80	15.00	-----
<b>Hansa, double, reddish flowers of large size.</b>				
1100	2 to 3 feet	2.40	20.00	180.00
580	18 to 24 inches	1.90	16.00	140.00
1790	12 to 18 inches	1.40	12.00	100.00
730	9 to 12 inches	9.50	8.00	75.00
<b>Harrison's Yellow, semi-double, moderately fragrant, bright yellow.</b>				
360	3 to 4 feet	3.20	28.00	-----
600	2 to 3 feet	2.50	22.00	-----
100	18 to 24 inches	2.10	18.00	-----
<b>Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.</b>				
200	2 to 3 feet	2.50	22.00	-----
600	18 to 24 inches	2.10	18.00	-----
100	12 to 18 inches	1.70	14.00	-----



## ROSES—Continued

## RUGOSA HYBRIDS AND MISCELLANEOUS—Continued

		Per 10	Per 100	Per 1000
<b>Lucida</b> , bright pink flowers followed by shining red fruit.				
400	2 to 3 feet.....	\$2.40	\$20.00	\$ -----
600	18 to 24 inches.....	1.90	16.00	-----
100	12 to 18 inches.....	1.40	12.00	-----
<b>Max Graf</b> , See Climbers and Ramblers for description and prices.				
<b>Moss, Golden or Red</b> , the old fashioned Moss Rose.				
100	2 to 3 feet.....	3.50	30.00	-----
60	18 to 24 inches.....	2.90	25.00	-----
<b>Mrs. Anthony Waterer</b> , double crimson, Rugosa foliage.				
180	2 to 3 feet.....	2.40	20.00	-----
140	18 to 24 inches.....	2.00	16.00	-----
80	12 to 18 inches.....	1.40	12.00	-----
<b>Multiflora Japonica</b> , light pink flowers borne in clusters.				
120	3 to 4 feet.....	2.40	20.00	-----
120	2 to 3 feet.....	1.90	16.00	-----
250	18 to 24 inches.....	1.40	12.00	-----
<b>Nitida</b> , deep pink flowers, extremely hardy.				
80	18 to 24 inches.....	1.90	16.00	-----
250	12 to 18 inches.....	1.40	12.00	-----
<b>Persian Yellow</b> , double, small, golden yellow.				
310	2 to 3 feet.....	2.50	22.00	-----
500	18 to 24 inches.....	2.10	18.00	-----
<b>Rubrifolia</b> , bright pink, starry flowers, red foliage.				
450	2 to 3 feet.....	2.40	20.00	-----
900	18 to 24 inches.....	1.90	16.00	140.00
1400	12 to 18 inches.....	1.40	12.00	100.00
<b>Rugosa Alba</b> , splendid foliage with single white blooms.				
200	18 to 24 inches.....	2.90	25.00	-----
<b>Rugosa Rubra</b> , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
175	2 to 3 feet.....	2.40	20.00	-----
100	18 to 24 inches.....	1.90	16.00	-----
140	12 to 18 inches.....	1.40	12.00	-----
<b>Setigera</b> , bright pink flowers, big clusters, blooms late.				
600	2 to 3 feet.....	2.40	20.00	180.00
1050	18 to 24 inches.....	1.90	16.00	140.00
1200	12 to 18 inches.....	1.40	12.00	100.00

## CLIMBERS AND RAMBLERS

California Grown

**Brownell Hardy Climbers**—See Patented Roses for prices and description.

<b>Chaplins Pink</b> , a fine pink rose. Paul's Scarlet type.		Per 10	Per 100	Per 1000
260 No. 1.....		\$2.10	\$18.00	\$ -----
420 No. 1½.....		1.70	14.00	-----
<b>Climbing American Beauty</b> , flowers rich red to Crimson.				
750 XX, Heavy.....		2.50	22.00	-----
2100 No. 1.....		2.10	18.00	160.00
700 No. 1½.....		1.70	14.00	-----
2600 No. 2.....		1.10	9.00	80.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

## ROSES—Continued

## CLIMBERS AND RAMBLERS—Continued

	Per 10	Per 100	Per 1000
<b>Crimson Rambler</b> , beautiful dazzling scarlet-red borne in giant sprays.			
200 XX, Heavy	\$2.40	\$20.00	\$
350 No. 1	1.90	16.00	
200 No. 1½	1.40	12.00	
1100 No. 2	.95	8.00	70.00
<b>Dorothy Perkins</b> , soft shell pink flowers.			
180 XX, Heavy	2.40	20.00	
220 No. 1	1.90	16.00	
190 No. 1½	1.40	12.00	
740 No. 2	.95	8.00	70.00
<b>Dr. Van Fleet</b> , pale pink buds and flowers on long stems.			
300 XX, Heavy	2.50	22.00	
220 No. 1	2.10	18.00	
500 No. 1½	1.70	14.00	
1600 No. 2	1.10	9.00	80.00
<b>Excelsa</b> , double scarlet crimson blooms.			
200 XX, Heavy	2.40	20.00	
250 No. 1	1.90	16.00	
900 No. 1½	1.40	12.00	100.00
<b>Flash</b> —See Patented Roses for prices and description.			
<b>Flower of Fairfield</b> , deep crimson, similar to Crimson Rambler.			
170 XX, Heavy	2.40	20.00	
320 No. 1	1.90	16.00	
640 No. 1½	1.40	12.00	
400 No. 2	.95	8.00	
<b>Horvath Setigera Climbers</b> —See Patented Roses for prices and descriptions.			
<b>Jacotte</b> , deep orange-yellow, tinted coppery-red.			
250 No. 1½	2.10	18.00	
1150 No. 2	1.40	12.00	
<b>Mary Wallace</b> , outstanding large flowered pink climber.			
350 XX, Heavy	2.50	22.00	
450 No. 1	2.10	18.00	160.00
600 No. 1½	1.70	14.00	120.00
580 No. 2	1.10	9.00	80.00
<b>Max Graf</b> , vigorous trailing plant. Rugosa foliage with bright pink, golden centered blossoms in June.			
320 No. 1½	1.90	16.00	
<b>Mme. Gregoire Staechelin</b> , pink blooms with lightly curled petals on long stems.			
60 No. 1½	1.90	16.00	
360 No. 2	1.40	12.00	
<b>Paul's Scarlet</b> , intense scarlet flowers of excellent shape and good size, borne in clusters.			
700 XX, Heavy	2.50	22.00	
1600 No. 1	2.10	18.00	
4900 No. 1½	1.70	14.00	120.00
5100 No. 2	1.10	9.00	80.00
<b>Primrose</b> , hardy, double canary-yellow flowers.			
50 XX, Heavy	2.50	22.00	
180 No. 1½	1.70	14.00	
1650 No. 2	1.10	9.00	80.00
<b>Red Explorer</b> , deep brilliant crimson; recurrent bloom.			
220 No. 1	2.10	18.00	
40 No. 1½	1.70	14.00	
50 No. 2	1.10	9.00	

### ROSES—Continued CLIMBERS AND RAMBLERS—Continued

<b>Royal Scarlet</b> , similar to Paul's Scarlet but smaller and deeper in color.				Per 10	Per 100	Per 1000
210	XX, Heavy	-----		\$2.50	\$22.00	\$ -----
900	No. 1	-----		2.10	18.00	160.00
760	No. 1½	-----		1.70	14.00	120.00
740	No. 2	-----		1.10	9.00	-----
<b>Seven Sisters</b> , double, deep pink, borne in large clusters.						
600	No. 1	-----		1.90	16.00	140.00
740	No. 1½	-----		1.40	12.00	100.00
300	No. 2	-----		.95	8.00	-----
<b>Silver Moon</b> , large buds, creamy white flowers semi-double, golden anthers, small sprays.						
100	XX, Heavy	-----		2.40	20.00	-----
780	No. 1	-----		1.90	16.00	140.00
900	No. 1½	-----		1.40	12.00	100.00
740	No. 2	-----		.95	8.00	-----
<b>Tausendschon</b> , large clusters, flowers soft pink to white.						
70	XX, Heavy	-----		2.40	20.00	-----
100	No. 1	-----		1.90	16.00	-----
650	No. 1½	-----		1.40	12.00	-----
530	No. 2	-----		.95	8.00	-----
<b>White Dorothy</b> , small double flowers, creamy white in great clusters.						
300	XX, Heavy	-----		2.40	20.00	-----
450	No. 1	-----		1.90	16.00	140.00
620	No. 1½	-----		1.40	12.00	100.00
800	No. 2	-----		.95	8.00	70.00
<b>Wichuriana</b> (Memorial Rose). Clusters of white flowers, trailing habit, glossy leaves fine ground cover.						
760	No. 1	-----		2.40	20.00	180.00
1120	No. 1½	-----		1.90	16.00	140.00
1260	No. 2	-----		1.10	9.00	---

### PATENTED ROSES

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 1 to 10 at each rate; 10 to 20 at 10 rate; 20 to 250 at 100 rate. Prices are NET.

### ALL-AMERICA ROSE SELECTIONS

All-America Rose Selections, A.A.R.S., an organization of the leading Rose growers located in various parts of the United States, was organized in 1938 for the purpose of testing and selecting new varieties of roses of outstanding merit. The organization maintains fifteen official test gardens located in all parts of the country for the testing and judging of proposed new varieties. One test garden is maintained on our nurseries, Shenandoah, Iowa.

We offer the following varieties of roses which have secured the award of "All-American Rose Selections". These are the finest of the new varieties.

	Each	Per 10	Per 100
<b>60 Apricot Queen</b> , Patent No. 464. (Retail \$1.25 each; \$12.50 doz.) Orange and apricot at the base of petals, merging to salmony-rose and phlox-pink in the fully developed bloom. Bud is long pointed and the fully developed flower shows a regular well placed petal arrangement. Vigorous grower with handsome leathery foliage. Selected by "All-America Rose Selections" as one of the two finest roses to be introduced in 1940.	.....	\$0.75	\$ 7.00    \$ 60.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.



## ROSES—Continued

## PATENTED ROSES—Continued

## ALL-AMERICA ROSE SELECTIONS—Continued

	Each	Per 10	Per 100
250 <b>California</b> , Patent No. 449. (Retail \$1.50 each; \$15.00 per doz.) The color is a glorious shade of ruddy-orange with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose—a dual tone effect of indescribable richness and beauty. Long pointed buds opening to flowers of enormous size, reaching a diameter of 5 inches to 6 inches. Growth vigorous with healthy, glossy green foliage. Award "All-America Rose Selections" 1940. ....	\$1.00	\$ 9.00	\$ 75.00
150 <b>Charlotte Armstrong</b> , Patent No. 455. (Retail \$1.25 each; \$12.50 per doz.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop. Vigorous growth, free branching plants with heavy handsome foliage. Charlotte Armstrong is the only strictly new rose to receive an unqualified recommendation for 1941 by "All-America Rose Selections". ....	.75	7.00	60.00
70 <b>Dickson's Red</b> , Patent No. 376. (Retail \$1.25 each; \$12.50 per doz.) The first award "All-America Rose Selections" for Hybrid Teas 1940. A glowing scarlet red rose from Emerald Isle. Rich in fragrance, standing the hottest sun, retaining its color. Produced singly on long strong stems. ....	.75	7.00	60.00
100 <b>Flash</b> , Patent No. 396. (Retail \$1.00 each; \$10.00 per doz.) Climber or Pillar Rose of glowing, vivid, orange-scarlet, center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	.60	5.50	50.00
100 <b>Grande Duchesse Charlotte</b> , H.T., New. (Patent applied for) (Retail \$1.50 each; \$15.00 per doz) Dusky red. This Rose aristocrat provides a color unknown in any other Rose. The beautiful, long streamlined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral red which do not fade, but gradually merge to a soft coral pink. When unfolding the petals recurve and make a delightfully informal, artistic flower with a hint of carnation fragrance. Award of "All-America Rose Selections" for 1942. ....	1.00	9.00	75.00
50 <b>Heart's Desire</b> , Patent No. 501. (Retail \$1.50 each; \$15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms holding their shape until last petal drops. ....	1.00	9.00	75.00
100 <b>The Chief</b> , Patent No. 456. (Retail \$1.00 each; \$10.00 per doz.) 1940 "All-America Rose Selections". Extremely long buds of flame rose, opening to a large flower of flame, coral and copper turning to orange-pink with age. Rich fragrance; spreading vigorous plant resistant to mildew. ....	.60	5.50	50.00

## ROSES—Continued

## PATENTED ROSES—Continued

## HYBRID TEA

	Each	Per 10	Per 100
90 <b>Countess Vandal</b> , Patent No. 138. (Retail \$1.00 each; \$10.00 per doz.) Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon. ....	\$0.60	\$ 5.50	\$ 50.00
120 <b>Crimson Glory</b> , Patent No. 105. (Retail \$1.25 each; \$12.50 per doz.) Color deep crimson, a "glory" Rose, glorious in its perfect form, large size and fragrance. ....	.60	5.50	50.00
60 <b>Eclipse</b> , Patent No. 172. (Retail \$1.25 each; \$12.50 per doz.) Long streamlined bud, rich gold without shading. ....	.75	7.00	60.00
150 <b>Jewel</b> , Patent applied for. (Retail \$1.00 each; \$10.00 per doz.) Sport of "Better Times". Brilliant velvety-red which does not fade. Long-pointed bud of slightly darker color. The flower of about 45 petals measures about 5 inches across when open and has pleasing fragrance. Upright vigorous grower and is said to be a profuse bloomer. ....	.60	5.50	50.00
40 <b>Mme. Henri Guillot</b> , Patent No. 337. (Retail \$1.25 each; \$12.50 per doz.) A charming, two-toned rose. The Artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base. ....	.75	7.00	-----
200 <b>Nellie E. Hillock</b> , Patent No. 185. (Retail 75¢ each; \$7.50 per doz.) Bi-color pink with gold base; petals deep rose-pink with pearl to silver on the inside. ....	.40	3.50	30.00
160 <b>Santa Anita</b> , Patent No. 539. (Retail \$1.00 each; \$10.00 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink. The limpid color, delicate scent and exquisite form place beautiful Santa Anita at the very zenith of the outstanding pinks. ....	.60	5.50	50.00
350 <b>Senior</b> , Patent No. 2. (Retail \$1.00 each; \$10.00 per doz.) Bud pointed; flower double, open, fragrant, red (predominately crimson); long stem. ....	.60	5.50	50.00
600 <b>Texas Centennial</b> , Patent No. 162. (Retail 60¢ each; \$6.00 per doz.) Hoover sport. Bright vermilion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages. ....	.40	3.50	30.00
400 <b>Will Rogers</b> , Patent No. 256. (Retail \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage. ....	.60	5.50	50.00

## FLORIBUNDA

200 <b>Betty Prior</b> , Patent No. 340. (Retail 85¢ each; \$8.50 per doz.) Produces large fragrant clusters continuously throughout the season. Opens lively red turning to shell pink. Desirable for mass planting. ....	.50	4.50	40.00
130 <b>Donald Prior</b> , Patent No. 377. (Retail 85¢ each; \$8.50 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group. ....	.50	4.50	40.00
50 <b>Permanent Wave</b> , Patent No. 107. (Retail 85¢ each; \$8.50 per doz.) Large, semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish. Vigorous and bushy. ....	.50	4.50	-----

## ROSES—Continued

## PATENTED ROSES—Continued

## CLIMBERS

	Each	Per 10	Per 100
100 <b>Flash</b> , Patent No. 396. (Retail \$1.00 each; \$10.00 per doz.) Climber, glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	\$0.60	\$ 5.50	\$ 50.00

## NEW HORVATH SETIGERA ROSES

Hardness and vigor of growth as well as profusion of bloom characterize this new race of roses. Some are climbers and others are compact shrubs with fine glossy foliage.

	Each	Per 10	Per 100
100 <b>Federation</b> , Patent No. 287. (Retail \$1.50 each; \$15.00 per doz.) Brilliant and sparkling rose-pink with lighter center, orange undertone. Mass of cuplike semi-double flowers are produced on stems 12 inches to 24 inches long; individual blooms 3½ inches in diameter. Petal wavy and crested. Flowers have from 24 to 36 petals. Excellent for cutting. Sweetly scented. Mildew proof. Ultimate height 12 feet to 14 feet. ....	\$1.00	\$ 9.00	\$ 75.00
100 <b>Mabelle Stearns</b> , Patent No. 297. (Retail \$1.50 each; \$15.00 per doz.) Peach-blossom-pink with silvery reflexed, sharply recurving petals, center showing orange undertone. Flowers in panicles. Persistent grower and bloomer, starting in June and lasting until frost. The plant is never without flowers the entire summer and fall. Fully double flowers, having from 50 to 60 petals, are excellent for cutting and decorative work, often lasting a week to ten days after cutting. Ultimate height about 2 feet, spreading from 6 or 8 feet or more if permitted, making a spreading matlike plant excellent for ground covering or edging. ....	1.00	9.00	75.00
50 <b>Mercurius</b> , Patent No. 385. (Retail \$2.00 each; \$20.00 per doz.) Sparkling two-toned apricot and coral-pink. Cup-shaped flowers which open slowly and do not fade. When fully open they measure 4 inches to 5 inches across. The flowers and buds are as handsome as any Hybrid Tea Rose. Flowers are produced abundantly on stiff spur branches both on main stock and laterals 1 to 2 feet long. Apparently very resistant to blackspot or mildew. Ultimate height 7 feet to 9 feet. ....	1.25	11.00	100.00
250 <b>Polaris</b> , Patent No. 386. (Retail \$1.50 each; \$15.00 per doz.) A free blooming, hardy, vigorous climber producing pure white flowers, often 2 inches in diameter and in large clusters. Exceedingly fragrant. Foliage is light and shiny green. Disease resistant. ....	1.00	9.00	75.00

## BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color, and plants many times longer lived even after sub-zero winters.

	Each	Per 10	Per 100
200 <b>Anne Vanderbilt</b> , Patent No. 504. (Retail \$1.50 each; \$15.00 per doz.) Exquisite coppery orange, informal, semi-double, very brilliant, fragrant. ....	\$1.00	\$ 9.00	\$ 75.00
120 <b>Break O'Day</b> , Propagation rights reserved. (Retail \$1.50 each; \$15.00 per doz.) Orange to apricot, large flowers, very vigorous, free bloomer, delightfully inspiring. ....	1.00	9.00	75.00



## ROSES—Continued

## BROWNELL SUB-ZERO HYBRID TEA—Continued

	Each	Per 10	Per 100
50 <b>Lily Pons</b> , Patent No. 420. (Retail \$1.50 each; \$15.00 per doz.) White with pure yellow center, large flowers of indescribable delicacy, vigorous, free blooming.-----	11.00	\$ 9.00	\$ 75.00
40 <b>M.B.</b> (Unnamed) Propagation rights reserved. (Retail \$1.50 each; \$15.00 per doz.) Delightful mixture of red, orange and pink tints, sweet spicy fragrance.-----	1.00	9.00	75.00
30 <b>Pink Princess</b> , Patent No. 459. (Retail \$1.50 each; \$15.00 per doz.) Bud red, flower deep pink, famous as the first H.T. free from defoliation by blackspot.-----	1.00	9.00	75.00
40 <b>Shades of Autumn</b> , Patent No. 542. (Retail \$1.50 each; \$15.00 per doz.) An abundant and joyous expression of bi-colored beauty. -----	1.00	9.00	75.00

## BROWNELL SUB-ZERO HARDY CLIMBERS

200 <b>Golden Pyramid</b> , Propagation rights reserved. (Retail \$1.00 each; \$10.00 per doz.) Cadmium yellow, most vigorous of all climbers. -----	.60	5.50	50.00
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## TREE ROSES

	Per 10	Per 100
No. 1 -----	\$15.00	\$ -----
No. 1½ -----	10.00	-----

## Assorted Varieties of Hybrid Teas

	No. 1	No. 1½
Red, assorted varieties -----	18	22
Pink, " " -----	6	14
Yellow, " " -----	22	7
Two-Tone, " " -----	13	6
White, " " -----	4	--

## CLOVERSET POTS

We are authorized dealers for these pots and offer them at the following prices for direct shipment from manufacturer at Kansas City, Missouri. Due to present uncertainty of securing materials Cloverset pot orders are booked for immediate shipment only.

(Sold in not less than 100 lots; 300 pots at 100 rate)

## Special Light Cloverset Pots

	Per 100	Per 1000
No. 0 Pot, 4½ in. bottom x 5 in. top x 5 in. high (Soil capacity 3½ lbs.)—	\$2.50	\$22.50
No. 1 Pot, 5½ in. bottom x 6 in. top x 6½ in. high (Soil Capacity 9 lbs.)--	4.00	35.00
No. 2 Pot, 6½ in. bottom x 7 in. top x 9½ in. high (Soil capacity 15 lbs.)	4.50	40.00
No. 3 Pot, 7½ in. bottom x 8 in. top x 9 in. high (Soil capacity 20 lbs.)—	5.00	45.00

## Standard Heavy Cloverset Pots

No. 0 Pot, 4½ in. bottom x 5 in. top x 5 in. high (Soil capacity 3½ lbs.)	2.00	18.50
No. 1 Pot, 5½ in. bottom x 6 in. top x 6½ in. high (Soil capacity 9 lbs.)	3.00	27.50
No. 2 Pot, 6½ in. bottom x 7 in. top x 9½ in. high. (Soil capacity 15 lbs.)	3.50	32.50

No. 0 Pot for perennials and Greenhouse Plants.

No. 1 Pot for perennials and Small oRses.

No. 2 Pot for No. 1 Roses and Small Shrubs.

No. 3 Pot for Large Shrubs.

## PEONIES

All stock offered is strong 3 to 5 eye divisions, cut from young, thrifty stock, free from disease and insects of all kinds. The figures after the name of the variety imply the rating as given these Peonies by the American Peony Society.

	Per 10	Per 100
90 <b>Alsace Lorraine</b> , 8.8. Late mid-season. Pure white with slightly creamy buff tint in the center. ....	\$2.10	\$18.00
320 <b>Auguste Dessert</b> , 8.7. Vivid cherry-red tinged lilac, each petal edged silver. Mid-season. ....	2.40	20.00
135 <b>Benjamin Franklin</b> , 8.1. Mid-season, dark, rich crimson. ....	2.10	18.00
640 <b>Couronne D'Or</b> (Crown of Gold) 8.1. Late mid-season. Snow-white, center petals tipped with red and with yellow stamens. ....	2.10	18.00
105 <b>Directeur Ursat</b> , 8.4. Light pink. Late. ....	2.10	18.00
115 <b>E. C. Shaw</b> , 9.1. Clear rose. Beautiful flower both in color and form. ....	3.50	30.00
350 <b>Edulis Superba</b> , 7.6. Bright, clear mauve-pink. Fragrant, early. ....	1.80	15.00
600 <b>Felix Crousse</b> , 8.4. Mid-season, brilliant ruby-red. ....	2.10	18.00
400 <b>Festiva Maxima</b> , 9.3. Early. Immense flowering, pure white, flecked with crimson. ....	2.10	18.00
50 <b>Georgiana Shaylor</b> , 8.9. Late mid-season. Large, light rose-pink with crimson markings. ....	2.10	18.00
360 <b>Golden Pyramid</b> . Single Jap Peony. This is a single dark red variety with large golden stamens. A very free bloomer, extra good variety. Would say it is an outstanding variety. ....	3.50	30.00
165 <b>Jeannot</b> , 9.1. Large imbricated, cup-shaped flowers of perfect form. Flesh pink tinted lavender with salmon shadings. Late. ....	2.90	25.00
875 <b>Karl Rosefield</b> , 8.8. Midseason, brilliant velvety-crimson blooms. ....	2.10	18.00
40 <b>Kelway's Exquisite</b> , 8.5. Very large, fragrant, bright rose-pink with prominent golden stamens. Mid-season. ....	2.90	25.00
155 <b>Lady Alexander Duff</b> , 9.1. Very large, light blush-pink flowers on strong stems. Blooms in mid-season. ....	2.40	20.00
120 <b>La Lorraine</b> , 9.6. Mid-season. Large flowers of creamy white faintly tinted salmon; fine form and free bloomer. ....	4.50	40.00
420 <b>La Perle</b> , 8.5. Mid-season. Pink in the bud, opening to a creamy white, flecked in the center with crimson. ....	2.10	18.00
190 <b>La Tulipe</b> , 7.5. Early mid-season. Flesh-pink in the bud, opening to a creamy white with crimson streaks in center. ....	1.80	16.00
50 <b>Le Cygne</b> , 9.9. Perfect form and exquisite shade of cream-white. ....	8.00	----
300 <b>Lillian Gumm</b> , 8.8. Late mid-season. Uniform, apple-blossom-pink mammoth blooms. ....	2.40	20.00
75 <b>Longfellow</b> , 9.0. Mid-season, a splendid, rich crimson. ....	2.50	22.00
190 <b>Martha Bulloch</b> , 9.1. Late. Exceptionally large flowers of soft rose-pink shading to silvery shell-pink on the outer petals. ....	4.50	40.00
395 <b>Mme. de Verneville</b> , 7.0. Early. Large white flowers with crimson markings, a reliable, sure bloomer. ....	2.10	18.00
150 <b>Mme. Ducl</b> , 7.9. Mid-season. Large flowered, pink with lighter tones. ....	2.10	18.00
200 <b>Mons. Jules Dessert</b> , 9.4. Mid-season. Large flowers of creamy white, overlaid with faint tints of pink and buff. A very free bloomer. ....	3.20	28.00
315 <b>Mons. Jules Elie</b> , 9.2. Immense flowers of glowing lilac-pink shading to deeper rose, overlaid with a sheen of silver. Mid-season. ....	3.50	30.00
750 <b>Reine Hortense</b> , 8.7. Mid-season. Large, fine blooms of rose-pink, flecked with crimson. Free blooming, fragrant. ....	2.10	18.00
140 <b>Richard Carvel</b> , 8.8. Early, uniform shade of crimson. ....	2.50	22.00
680 <b>Sarah Bernhardt</b> , 9.0. Apple-blossom-pink with silvery edges on petals. Mid-season. ....	2.50	22.00
260 <b>Souv. de Louis Bigot</b> , 9.1. Mid-season. Vivid, rich pink with a salmon undertone. Attractive and free blooming. ....	2.50	22.00
165 <b>Therese</b> , 9.8. Large, rich satiny pink paling to lilac-lavender in the center. ....	4.00	35.00
180 <b>Walter Faxon</b> , 9.3. Most vivid of all pink, almost an orange color. Medium size, attractive in form and fragrance. ....	4.50	40.00

## PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

The perennials that we are offering in this section are bare root, most suitable for landscape planting. If you are interested in packaged perennials, bulbs, etc., please write for our special price list No. 13, which covers a complete assortment of the more popular selling items suitable for store and counter trade.

		Per 10	Per 100
<b>ACHILLEA, Milfoil or Yarrow (RG)</b>			
Ptmarica, The Pearl. Large double white. 18 in. June-July.	-----	\$ 0.95	\$ 8.00
<b>ALTHEA ROSEA, Hollyhock.</b>			
Double Varieties. Maroon, Rose, White, Yellow, Purple. 4 ft. July.	-----	.95	8.00
<b>ALYSSUM, Rock Madwort (RG)</b>			
Saxatile Compactum (Basket of Gold.) Masses of bright yellow flowers.			
Sprawling habit. 10 in. May.	-----	.95	8.00
<b>ANCHUSA, Bugloss.</b>			
Italica Var. Dropmore. Bright blue. 3 to 4 ft. All summer.	-----	.95	8.00
Myosotidiflora (RG) Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.	-----	1.20	10.00
<b>ANEMONE, Windflower (RG)</b>			
Pulsatilla. Violet. 12 in. April-May.	-----	1.80	15.00
<b>AQUILEGIA, Columbine. May-June. (RG)</b>			
Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.	-----	1.10	9.00
Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.	-----	.95	8.00
Silver Queen. Silvery white flowers. Very long spurs. May-June. 24 in.	-----	1.20	10.00
<b>ARTEMISIA, Wormwood (RG)</b>			
Silver King. Silver white, color effect frosted silver. Beautiful in combinations.	-----	.95	8.00

## ASTERS

### NEW DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Countess of Dudley. A charming clear pink with a contrasting yellow eye.	1.20	10.00
Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.	1.40	12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.20	10.00
Snow Sprite. (Snowy Fairy.) A very dwarf early September flowering variety, forming graceful plants a foot high. Semi-double, white flowers.	1.40	12.00
Star of Wartburg. Dark, lilac-blue flowers with orange center, growing 12 to 14 inches high on strong, erect stems.	1.40	12.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.20	10.00



## PERENNIALS—Continued

## ASTERS—Continued

## UPRIGHT TYPES. Starwort or Michaelmas Daisy.

Per 10 Per 100

The following varieties of Upright Asters are new and improved varieties.

Very large in bloom and extremely colorful.

**Blue Gem.** Large lovely flowers of blue with a yellow center, double flowers.

Best blue in cultivation. September until frost. 3 to 4 ft.-----\$ 1.20 \$ 10.00

**Harrington's Pink.** The first Hardy Aster that is truly pink. Flowers are large and cover the 4-foot plants so completely that it seems a shame to cut them, but the blooms will be welcome in the house.-----1.80 15.00**Mt. Everest.** Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.-----1.40 12.00**Royal Blue.** Large, semi-double, clear blue. 2½ ft. September.-----1.40 12.00**Sunset.** One of the best pink varieties, retaining its original color.-----1.40 12.00**BOLTONIA, False Chamomile.****Latisquama.** Pink, aster-like flowers. September. 4 ft.----- .95 8.00**CAMPANULA, Belleflower.****Calycanthema (Cup and Saucer).** In separate colors, Blue, Rose and White.

Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.----- .95 8.00

**Medium (Canterbury Bells).** In separate colors, Blue, Rose and White. June. 2 ft.----- .95 8.00

## CHRYSANTHEMUMS

**CUSHION Chrysanthemums, Sometimes called "Million Mums" or "Azaleamums".**

A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 in. high. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.

**Bronze Cushion.** As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade.-----1.40 12.00**Dean Ladd.** An improved reddish-bronze Cushion Chrysanthemum. Flowers 2 to 2½ in. Height 18 in.-----1.80 15.00**Red Cushion.** Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers.-----1.40 12.00**Pink Cushion.** Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy.-----1.20 10.00**White Cushion.** Snow white flowers with a faint yellow center.-----1.40 12.00**Yellow Cushion.** Pure, golden yellow, very brilliant. Develops into large dense clumps, often measuring 24 to 30 inches across. Producing hundreds of strikingly beautiful flowers. Flowering the first of October.-----1.80 15.00**UPRIGHT CUT FLOWER VARIETIES.**

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

**Algonquin (Bristol)** Fine, brilliant, double yellow. Mid-September. 18 inches. 1.40 12.00**Barbara Cumming (Bristol).** Large, bronze-yellow. 3 inches across blooms. Early September. Height 18 in.-----1.20 10.00**Burgundy (Bristol).** Rich, deep red of fine, old wine. Fully double, perfect form. Early October. 2½ ft.-----1.40 12.00**Clara Curtis (Bristol).** Produces great masses of fragrant pink, daisy-like blooms. Early September. Single. 2 ft.-----1.20 10.00**Eugene A. Wander (Bristol).** Sparkling, golden-yellow blooms. Early September. Height 18 in.-----1.80 15.00**Lavender Lady (Bristol).** Pure lavender, fully double. Early October. 2½ ft. 1.40 12.00**Mt. Ranier (U.S.D.A.)** Very fine white variety. The best of all new white varieties. Early September. 18 inches.-----1.40 12.00**Normandy Pink.** Large, creamy-pink. Late September. 18 in.-----1.20 10.00**Pale Moon. (Bristol).** Large, fluffy blossoms, soft yellow. Early October. 2 ft.-----1.40 12.00**CHRYSANTHEMUM MAXIMUM, Shasta Daisy****Alaska.** Large white flowers. June to August. 2 ft.----- .70 6.00**Diener's Double White.** Recent development of full, shaggy, double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.-----1.20 10.00**Diener's Fancy Chiffon Fringe.** Large 5-inch blooms, fancy Chiffon petals (novelty).-----1.40 12.00

## PERENNIALS—Continued

	Per 10	Per 100
<b>COREOPSIS, Tickseed.</b>		
Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in. -----	\$0.95	\$ 8.00
Grandiflora Auricula. Large yellow blooms, reddish band in eye. All summer. 2 ft. -----	.95	8.00
Mayfield Giant. An improved, large single, of brilliant yellow. -----	1.20	10.00

**DELPHINIUM, Larkspur.**

Belladonna, Clivedon Beauty. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft. -----	1.10	9.00
Bellamosa. Dark blue, blooms all summer. 4 ft. Strong 1 year plants. -----	.80	7.00
Bellamosa LaMartine. Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft. -----	1.10	9.00
Gold Medal Hybrid. Tall, well filled double and semi-double flowers from purplish blue to white. -----	1.20	10.00

**DIANTHUS****Barbatus, Old Fashioned Sweet Williams.**

This is the Old Fashioned Sweet William, bearing clove scented flowers in greatest profusion in May and June. Excellent for cutting. We offer these in the following varieties: Scarlet Beauty, Nigricans (almost black) -----	.95	8.00
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**DIANTHUS—Continued**

Holborn Glory. Various colors, all with white eyes. Clove-scented flowers in great profusion. May-June. -----	.95	8.00
Purple or White Beauty. Same as Holborn Glory except rich purple or white flowers. May-June. -----	1.20	10.00
Grenadin Hardy Carnations (RG). This is the hardiest of all outdoor Carnations. Very fragrant, producing on long stems. The finest of all varieties in separate colors, King of the Blacks, White and Pink. June to August. 2 ft. -----	1.20	10.00
Deltoides, Maiden Pinks (RG). Beautiful little plants, blooming throughout the summer. 8 in. Separate colors, white and rosy pink. -----	.95	8.00
Latifolius, Atrocineus, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in. -----	.95	8.00
Plumaris, Hardy Garden Pinks. Alwoodi. This is a new type of Alwoodi pink imported from England. Very fragrant. -----	1.20	10.00
Loveliness. A new clove pink, highly fragrant and very hardy. -----	.95	8.00
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in. -----	.80	7.00

**DICENTRA, Bleeding Heart.**

Spectabilis (Old Fashioned Bleeding Heart). Graceful heart shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants -----	2.60	22.50
5 to 8 eye plants -----	3.15	27.50
Eximia (RG) This is not a particularly new item but it is very worthwhile and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in. (\$70.00 per M) -----	.95	8.00

**DICTAMNUS, Gas Plant or Fraxinella**

Fraxinella Rubra. Rosy-pink flowers during June and July 2½ ft. Very hardy and drought resistant. -----	1.40	12.00
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**DIGITALIS, Fox Glove**

Shirley Hybrids. The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate. Blooms in June-July. -----	1.20	10.00
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**EUPATORIUM, Hardy Ageratum.**

Coelestinum. Very hardy plant. Light purple-blue flowers. September. 18 to 24 in. -----	1.20	10.00
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**FERNS, Hardy Outdoor (RG)**

Goldie's Wood. (Aspidium). Evergreen variety. 2 ft. -----	1.20	10.00
Interrupted (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft. -----		
Maiden Hair (Spleenwort Asplenium Tricomane). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft. -----		
Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinules. 2 to 3 ft. -----		

## PERENNIALS—Continued

**FUNKIA, Plantain Lily (RG).**

	Per 10	Per 100
<b>Caerulea.</b> Lovely blue flowers, leaves broad. August-September. 18 in.-----	\$0.95	\$ 8.00
<b>Glaucia.</b> Japanese species. Large blue-gray leaves excellent for rock garden or border.-----	.95	8.00
<b>Lancifolia.</b> Lily blue flowers, long narrow leaves of dull green. Profuse bloomer. Excellent plant for shade and hedging. July-August. 2 ft.-----	.95	8.00

**FUSCHIA, Hardy.**

<b>Scarlet Beauty.</b> Plant Patent 440. This is the best of all hardy Fuschia. Flaming rose-red with corolla a bright, mulberry-purple. An outstanding plant. Needs winter protection in cold climates. 3 in. Pot Plants (advertised at 50c each; 3 for \$1.20).-----	2.10	18.00
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**GAILLARDIA, Blanket Flower (RG)**

<b>Burgundy.</b> Wine red flower with beautiful sheen. June until frost. 1½ to 2 ft.-----	1.20	10.00
<b>Dazzler.</b> Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length.-----	1.20	10.00
<b>Goblin.</b> Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers.-----	1.20	10.00
<b>Monarch Strain.</b> Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.-----	.95	8.00

**GEUM, Avens (RG)**

<b>Mrs. Bradshaw.</b> Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in.-----	1.20	10.00
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**GYPSOPHILA, Baby's Breath.**

<b>Bodgeri.</b> Pure white flowers in nice clusters. Good for forcing.-----	1.40	12.00
<b>Bristol Fairy.</b> Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.-----	2.40	20.90
<b>Paniculata Compacta.</b> Pinkish white. July. 2 ft.-----	.95	8.00
<b>Rosy Veil.</b> Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.-----	1.40	12.00
<b>Snow White Double.</b> Grown from seed. About 80% double white blooms throughout the summer. 2 feet.-----	1.40	12.00

**HELENIUM**

<b>Riverton Gem.</b> Old gold suffused with bright terra cotta changing to wall-flower red. August to October. 3 to 4 feet.-----	1.20	10.00
<b>Chippersfield Orange.</b> Large heads of copper and gold blooms. August to September. 4 feet.-----	1.40	12.00

**HEMEROCALLIS, The Improved Day Lily**

This old Perennial is now coming into its "Own". There has been considerable hybridizing done on these plants the past few years and as a result there are many new varieties being offered. The variety list which we are offering our customers is the pick of the varieties, giving you bloom from early May until the first of September.

	Per 10	Per 100
<b>Anna Betscher.</b> Rich, golden yellow. July-August. 2½ ft.-----	\$ 1.80	\$ 15.00
<b>Apricot.</b> Blooms early June. Medium size blooms of light, apricot orange. Very free bloomer.-----	1.40	12.00
<b>Bay State.</b> Glistening, deep yellow flowers. 4 ft. Blooms late June. Free blooming.-----	1.90	16.00
<b>Gold Dust.</b> Early flowering variety. Blooms May-June. Bright yellow flowers. Stems 30 in.-----	1.80	15.00
<b>Goldeni.</b> Fine, deep, golden orange. Early July. 3 ft.-----	1.80	15.00
<b>Hyperion.</b> This is the best variety of all. Flowers Citron yellow on stems 40 inches tall. Very large flowers, pale yellow. Received award of merit at the Royal Horticultural Society of Great Briton. Very fragrant blooms July and early August.-----	2.90	25.00
<b>J. A. Crawford.</b> Rich, apricot yellow. 4 ft. stems. Late July.-----	1.40	12.00
<b>Kwanso Flore Pleno.</b> Large, double, copper shaded, crimson blooms. July-August. 42 in. stem.-----	1.80	15.00
<b>Mikado.</b> Rich orange with deep mahogany-red throat, beautiful color contrast flowers. June and July. 36 inches.-----	2.90	25.00
<b>Ophir.</b> Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.-----	2.40	20.00
<b>Assorted Varieties.</b> Our Selection. These will all be named varieties.-----	1.20	10.00



## PERENNIALS—Continued

		Per 10	Per 100
<b>HEUCHERA.</b>			
Sanguinea. Rosy red blooms, very free flowering. 15 in. Blooms in May.		\$ 1.20	\$ 10.00
<b>HYDRANGEA.</b>			
Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.			
2 year dormant stock		4.00	35.00
Strong 2½ inch pot plants		1.40	12.00
<b>IBERIS, Hardy Candytuft</b>			
Gibraltarica. Dense heads of white flowers in early spring; evergreen foliage. Dwarf. 8 in.		1.40	12.00
<b>IRIS, PUMILA.</b>			
Pumila are the dwarf, miniature types growing from four to six inches high and are one of the first flowers to bloom in the spring.			
Betsy Presby. 5 in. One of the very best deep bright yellows.		.70	6.00
Golden Queen. rich, golden yellow		.70	6.00
Pumila Alba. Pure white. 8 inch		.70	6.00
Spring Skies. A beautiful Sky-blue color. Very early.		.95	8.00
Separate named varieties and colors, our selection		.45	4.00
<b>IRIS, SIBERIAN.</b>			
Following are separate named varieties of Siberian Iris, which is a very fine collection. Each variety is a distinct variety of distinctive color combination. Siberian Iris like wet ground and will not thrive unless there is plenty of moisture.			
Blue Heron. Violet with White styles in striking contrast. 36 inches.		1.20	10.00
Blue Owl. 36 inches. Fine rich blue with triangular white throat, veined purple		1.20	10.00
Caesar. 30 inches. The richest colored of Siberian Iris. A brilliant red purple of large size		1.20	10.00
George Wallace. Standards deep blue, falls lighter blue, veined white. 46 in.		1.20	10.00
Mrs. Rowe. 30 inches. Silvery white, flushed rose.		1.20	10.00
Nora Distin. 30 inches. S. clear violet. F. white edged and veined China blue		1.20	10.00
Assorted colors in named varieties, our selection		.95	8.00
<b>IRIS, JAPANESE.</b>			
The following list of Japanese Iris gives you practically every assortment of color. All of them are 6 petal varieties. They should be planted in moist soil.			
Margaret Mulholland. Deep blue. Heavy stems		1.40	12.00
Kohio-Hari. Bright purple		1.40	12.00
Assorted colors, our selection		.95	8.00
<b>LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.</b>			
This lovely trailing plant blooms all summer. In separate colors, Crimson King; Rose Queen; White Queen.		0.95	8.00
<b>LIATRIS, Blazing Star or Gay-Feather. (RG)</b>			
September Glory. Very new. A long spike covered with purple flowers, blooming all at the same time. September. 5 ft.		1.80	15.00
Spicata. A good clear purple blooming before Pycnostachya. Spikes about 3 feet in height.		.95	8.00
White Spire. Sport of September Glory. Pure white. 5 ft. Excellent for cutting.		2.10	18.00
<b>LILY OF THE VALLEY</b>			
Extra strong plants with long roots. Fine foliage and profuse bloomers.			
Pips		.25	2.00
Clumps, dug with original soil		1.80	15.00
<b>LINUM PERENNE, Hardy Flax.</b>			
Lovely, free flowering, hardy perennials, with feathery leaves. In separate colors, Blue and White. July and August. 18 inches.		.95	8.00
<b>LUPINES.</b>			
Unusually beautiful perennial. Striking pea-shaped flowers are borne on 3 to 4 foot spikes. June and July. Must have plenty of moisture.			
Blue King. Blue with very long spikes		1.20	10.00
Russell Lupines. This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 5 feet tall with extraordinary color combinations.		1.20	10.00
White Lady		1.20	10.00
Assorted Colors, our selection		.95	8.00

## PERENNIALS—Continued

		Per 10	Per 100
<b>MONARDA, Bee Balm.</b>			
Didyma. Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.-----		\$ 1.40	\$ 12.00
Salmon Queen. Attractive salmon-pink flowers. Aromatic foliage. July to August. 2 to 3 feet.-----		.80	7.00
<b>MYOSOTIS, Forget-me-not (RG).</b>			
Lovely flower, familiar to almost everyone. Blooms in early spring.			
Palustris (Alpine Forget-Me-Not.) Tiny blue flowers. Blooms all summer. 8 in.-----		.95	8.00
<b>OENOTHERA, Evening Primrose (RG)</b>			
Make continuous display of color in rock garden.			
Missouriensis. Lovely yellow solitary flowers often 4 in. across. Low grower with prostrate ascending branches, profuse bloomer. June to August. 10 in.-----		1.20	10.00
<b>PACHYSANDRA, Japanese Spurge. (RG).</b>			
Terminalis. Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 inches. Strong 2 year plants.-----		.95	8.00
<b>PENTSTEMON, HARDY.</b>			
Garnet. First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Advertised at per 3, \$1.50; per doz., \$4.50; per 100, \$30.00) -----		1.80	15.00

## PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. Most of our plants are strong, one year old, which we recommend very highly. Two year plants are very woody and are hard to transplant.

Phlox can be transplanted from the middle of September until the ground freezes up, or can be planted in the spring just as early as the ground thaws out.

PLEASE NOTE the grade we are listing is strictly No. 1 grade. We have No. 2 grade plants which are not quite heavy enough for No. 1 specifications which can be purchased from us at 2c per plant discount.

		Per 10	Per 100
Annie Laurie. New variety. Large trusses of salmon-pink.-----		\$ 1.20	\$10.00
Augusta. (Plant Patent No. 252). The finest cherry red Phlox ever introduced. Medium height, about 2½ ft. Blooms for a period of two months. (Advertised at: 50¢ each; \$1.50 per 3; \$4.50 per 12).-----		2.50	18.00
B. Comte. Clear, reddish-purple, considered an amaranth shade.-----		1.00	8.00
Beacon. Large, full trusses of brilliant cherry-red, with wine-red eye.-----		.80	7.00
Border Gem. A beautiful deep purple Phlox. Does not fade.-----		1.50	12.00
Champs Elysee. Compact heads of rich purple. 24 in.-----		.80	7.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.-----		1.00	8.00
Columbia. (Plant Patent No. 116). The finest light pink Phlox ever introduced. Delicate cameo-pink with faint blue shading at center. (Advertised at \$1.45 per 3; \$4.75 per 12). July to frost.-----		2.50	18.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in. across. No other Hardy Phlox produces florets so large. 3½ feet high.-----		1.30	11.00
F. G. Van Lassburg. A tall white Phlox blooming in mid-season.-----		.80	7.00
George Stipp. Deep, glowing salmon with shaded lighter eye, fragrant, outstanding variety.-----		1.20	10.00
H. B. May. Large spikes of bright pink. Very large flowers.-----		1.20	10.00
Irene. Cherry red, very brilliant.-----		1.20	10.00
Leo Schalegeter. Scarlet-carmine with orange cast. 3 ft. The finest red phlox in existence.-----		1.20	10.00
Miss Lingard. (Suffruticosa) Has large shiny foliage. Flowers from June until October. Pure white with faint pink shading in center.-----		1.20	10.00
Morganrood. Rose-pink, slightly deeper eye. Large florets. 2½ to 3 ft.-----		1.20	10.00
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely.-----		1.20	10.00
Mrs. Jenkins. One of the old standbys. Pure white.-----		.80	7.00
P. D. Williams. Bright pink with rose center. Extra large florets. One of the best pinks, pyramidal trusses. Grows compactly, retains color unmarred and unbleached through the entire summer and fall. 2½ ft.-----		1.20	10.00
Prime Minister. This is the best of all bi-colored whites. Extra large florets of clear white with violet eye.-----		1.20	10.00
R. P. Struthers Improved. Rich salmon-pink with scarlet eye. Large well filled trusses.-----		.80	7.00
Rheinlander. Salmon pink with carmine eye.-----		.80	7.00

## PERENNIALS—Continued

## PHLOX—Continued

	Per 10	Per 100
Rosenberg. Deep violet-cerise with slightly darker center.-----	\$ 1.00	\$ 9.00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, bluish-pink with salmon eye.-----	1.00	8.00
Starlight. Rich violet with an almost perfectly shaped white star in the center. Strong growing, free blooming.-----	1.20	10.00
Sweetheart. Very fine appleblossom pink, large florets.-----	1.20	10.00
Thor. Deep salmon-pink shade, overlaid with a scarlet glow.-----	.80	7.00
Wanadis. White, light violet shading with purple eye.-----	.80	7.00
Widar. Violet florets with a clear white eye, creating an unusual effect.-----	1.20	10.00
Wm. Kesselring. Deep plum-purple, shading to a dainty lilac eye.-----	.80	7.00
Assorted, named varieties, our selection.-----	.70	6.00

## PHLOX SUBULATA, Moss or Mountain Pinks.-----

1.10 9.00

An early spring flowering type, with moss-like, evergreen foliage. Blooms in April and May. Excellent for rockery and borders and carpeting the ground or covering graves.

Alba, pure white, very compact.

Atropurpurea. Deep, carmine-red. Very brilliant.

Blue Hill. Pale blue, flowers freely.

Rosea. Rose-pink. Blooms profusely.

## PHYSALIS, Chinese Lantern Plant. (RG)

Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.-----	.70	6.00
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## PHYSOSTEGIA, False Dragon Head.

Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.-----	1.00	8.00
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## PLATYCODON, Balloon Flower (RG)

Blooms all summer. 12 in. Separate colors, Blue and white.-----	1.00	8.00
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## PLUMBAGO.

Capensis. Dwarf spreading habit. Excellent for border or rock gardens. 6 to 8 inches high covered with deep blue flowers.-----	1.40	12.00
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## PYRETHRUM, Painted Daisy (RG)

Hybridum Roseum. Abundant bloomer. Wide range of colors from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 in.-----	1.00	8.00
Hybridum Roseum Atrosanguineum. Same as Roseum, only the blooms as a rule are darker shades. 18 in.-----	1.20	10.00
Rose Glory. Beautiful double rose-red of medium size. Strong grower.-----	1.80	15.00
Double Choice Mixed. This mixture contains many shades of pink, red and white. A splendid garden mixture.-----	1.50	12.00

## RUDBECKIA, Coneflower.

Hardy plants, adapted for the border. Well suited for cutting.		
Sass Golden Globe. This is an improved Golden Glow, produces large masses of large, golden double yellow flowers in July and August. 6 in.-----	.90	8.00
Purpurea. Reddish purple flowers with very large black cone for center. July to October. 2 ft.-----	.80	7.00

## SALVIA, Meadow Sage.

Azurea Grandiflora. Azure colored large flowers. August to September. 5 ft.-----	.80	7.00
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## SCABIOSA, Pin Cushion Flower.

Fisheri. Rich, violet-blue flowers 2½ in. across, 20 inches high.-----	1.50	12.00
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## SAXIFRAGA.

Cordifolia. Large, leathery leaves of russet-green. Round bright-rose flowers rising on stocky, six-inch stems. One of the first to welcome the spring.-----	1.50	12.00
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## SEDUM, Stone Crop or Live Forever (RG)

America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Album. Dwarf and spreading, thick waxy round foliage. White flowers, July. 6 inches.-----	1.00	8.00
Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer.-----	1.00	8.00
Creslatum. Small round foliage of medium green.-----	1.00	8.00
Eversii. Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems.-----	1.00	8.00
Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.-----	1.00	8.00



## PERENNIALS—Continued

## SEDUM—Continued.

	Per 10	Per 100
<i>Lydium Glaucum.</i> Blush, very fine rock plant. Very odd. All summer. 6 in. ....	\$ 1.00	\$ 8.00
<i>Murale.</i> Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 inches. ....	1.00	8.00
<i>Oppositifolium.</i> Bright green foliage with rose bloom. July. 4 in. ....	1.00	8.00
<i>Sexangulare.</i> Yellow flowers, very dark green foliage. May-June. 4 inches. ....	1.00	8.00
<i>Spectabile Brilliant.</i> Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches. ....	1.20	10.00
<i>Spectabile Rose.</i> Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches. ....	1.20	10.00
<i>Spurium Roseum.</i> Purplish-red. July and August. 6 inches. ....	1.00	8.00
<i>Stoloniferum.</i> Purplish pink. July and August. 6 inches. ....	1.00	8.00
<i>Subulatum.</i> Dwarf. Round foliage. Early Summer. 4 to 6 inches. ....	1.00	8.00
<i>Turkestanicum.</i> Round foliage of dark green. White flowers on 6 to 8 inch stems. ....	.80	7.00

## SEMPERVIVUM. Houseleek. (RG)

Sometimes known as Hen and Chickens. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.

<i>Atrovioleaceum.</i> The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in. ....	1.00	8.00
<i>Rubrum.</i> Leaves of dark green turning to red in fall. Rapid spreader. ....	1.00	8.00

## SPIREA, Goat's Beard, Meadow Sweet (RG)

<i>Filipendula</i> (Dropwort). White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July. ....	1.80	15.00
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## STATICE, Great Sea Lavender (RG) August.

<i>Latifolia.</i> Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in. ....	\$ 1.20	\$ 10.00
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## STOKESIA, Cornflower Aster.

<i>Cyanea coerulea.</i> Aster-like flower with rich green leaves, good for cutting and very thrifty. August. 12 to 18 inches. In separate colors, blue and white. ....	1.00	8.00
<i>Blue Moon.</i> Large and free flowering. Perfectly hardy. Vivid, blue disc- like flowers. Blooms throughout summer and autumn. Flowers five to six inches in diameter. 12 to 18 in. tall. ....	1.80	15.00

SWEET WILLIAM (See *Dianthus Barbatus*).

## THALICTRUM, Meadow Rue.

<i>Glaucum.</i> A great favorite for hardy borders, graceful plants; pretty flowers. ....	1.00	8.00
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## THERMOPSIS.

<i>Caroliniana.</i> A lupine-like plant with rich green foliage. Yellow pea-like flowers produced on racemes, 6 to 12 inches long. June and July. ....	1.20	10.00
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## THYMUS, Thyme (RG)

<i>Serpillum Coccineum.</i> Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July. ....	1.20	10.00
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## TRITOMA, Kniphofia, Red Hot Poker (RG)

This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
<i>Goldmine.</i> Golden yellow flowers from June until October. This is the best of all yellow varieties. Height, 3 ft., often 10 or more spikes at one time. ....	2.50	20.00
<i>Pfizeriana.</i> This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 ft high. Must be grown from divisions. August to October. ....	1.20	10.00

## VERBENA, HARDY (RG)

Separate colors, Pink and Red. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter. We have these in separate colors, Red and Pink. ....	1.20	10.00
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## VERONICA, Speedwell (RG)

<i>Blue Spire.</i> Foliage is clean. Plant is bushy, upright habit and flowers are deep blue. 2 ft. high. ....	1.20	10.00
<i>Spicata.</i> Violet-blue flowers borne in masses. July and August. 18 in. ....	.80	7.00

## PERENNIALS—Continued

	Per 10	Per 100
<b>VINCA, Periwinkle or Trailing Myrtle.</b>		
Minor. Evergreen plant of trailing habit, splendid for use as a ground carpet under shrubs or trees. Grows very well where it is too shady for other plants.		
Minor-Bowles Type. Foliage is broad and rich, glossy green. Deep blue.	\$ .80	\$ 7.00
	1.20	10.00
<b>VIOLA, ODORATA, Sweet Violet (RG)</b>		
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.	1.20	10.00
<b>YUCCA Adam's Needle (RG)</b>		
Filamentosa. Creamy yellow. 6 ft. This plant, with its broad, sword-like like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.		
2 year	1.00	8.00
1 year	.80	7.00

## OLD FASHIONED KITCHEN HERBS

	Per 10	Per 100
<b>Chive, Wild Onion.</b> Finely chopped leaves gives a delicious flavor to salads.	\$ 1.00	\$ 8.00
<b>Horseradish.</b> A condiment used in seasoning meats.		
3 inch cuttings	.20	1.50
Crowns	.40	3.50
<b>Mother of Thyme.</b> Leaves used medicinally and for seasoning meat and fish sauces.	1.20	10.00
<b>Sage, Old Fashioned.</b> Used for seasoning sausages and dressing.	1.20	10.00
<b>Savory, winter.</b> Leaves used for seasoning meats, sausages and vegetable dishes	1.20	10.00
<b>Spearmint.</b> Fresh leaves used to flavor sauces and iced drinks, particularly "Kentucky Mint Julips"	1.00	8.00
<b>Sweet Majoram.</b> Fresh leaves used for seasoning sausages, vegetable dishes and salads.	1.20	10.00
<b>Tarragon "Epicure".</b> Used by the French people in seasoning salads and making vinegar. Delicious in Jello and fruit cups.	1.20	10.00

## LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

	Per 10	Per 100
<b>Concolor (Morning Star Lily).</b> Excellent Rock Garden lily. Red, star shaped flowers, flecked with black at base of petals. Blooms June-July. Planting depth 3 inches.		
Flowering size bulbs	\$ 1.00	\$ 8.00
<b>Henryi (Chinese Show Lily).</b> Golden orange, spotted bronze. Profuse bloomer, blooms August-September. Planting depth 7 inches.		
4 to 5 inches	1.40	12.00
<b>Pardalinum Giganteum (Sunset Lily).</b> Orange-copper with deep purple spots. Blooms July. Planting depth 6 inches.		
5 to 6 inches	1.80	15.00
<b>Regale. (Tibet).</b> Large white flowers, suffused pink with canary-yellow throat. Very fragrant blooms in July. Planting depth 5 inches.		
3 to 4 inches	.60	5.00
4 to 5 inches	.80	7.00
5 to 6 inches	1.20	10.00
6 to 8 inches	1.60	14.00
<b>Tenuifolium (Coral Lily).</b> Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches.		
Flowering size bulbs, No. 1	1.00	8.00
<b>Tenuifolium Golden Gleam.</b> Similar to Tenuifolium except flowers are golden-yellow. Blooms June. Planting depth 3 inches.		
Flowering size bulbs, No. 1	1.00	10.00



## LILIES—Continued

	Per 10	Per 100
<b>Tiger Double.</b> This is a full, double flowering variety. Blooms slightly later than the single. Planting depth 5 inches.		
3 to 4 inches.....	\$0.60	\$ 5.00
4 to 5 inches.....	.70	6.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.20	10.00
<b>Tiger Single.</b> Flowers rich salmon-orange, spotted deep mahogany blooms in August. Planting depth 5 inches.		
3 to 4 inches.....	.60	5.00
4 to 5 inches.....	.70	6.00
5 to 6 inches.....	.95	8.00
6 to 8 inches.....	1.20	10.00

## CANNAS

We are very sorry but we are out of Cannas for this year.

## DAHLIAS

Our Dahlias are all Shenandoah grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

## DECORATIVES

	Per 10	Per 100
<b>Avalon.</b> Beautiful, clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.....	\$ 1.20	\$10.00
<b>Calvin Coolidge Jr.</b> Rich, rose-pink suffused salmon, with each petal edged distinctly gold. Vigorous grower.....	1.00	8.00
<b>Charlotte Alexander.</b> White with vein of purple at tips.....	1.50	12.00
<b>Clara Barton.</b> Face of petals silvery-orchid reverse of petals deep lavender. General effect lavender.....	1.40	12.00
<b>Clara Carder.</b> Large, beautiful pink described as Cyclamen pink. One of the best.....	2.10	18.00
<b>Fordhook Marvel.</b> Peach red with salmon-orange reflex.....	1.20	10.00
<b>Francis Larocco.</b> The standard and most popular commercial yellow. Profuse bloomer.....	1.00	8.00
<b>Galliant Fox.</b> A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem. Good keeper.....	1.20	10.00
<b>Golden Eclipse.</b> A medium sized, golden-yellow with tint of salmon at center. Has very long stems and good habit. Good cut flower.....	1.20	10.00
<b>Imp. Larocco.</b> An improvement of Francis Larocco. Flowers of a deeper yellow and of better keeping quality.....	1.00	8.00
<b>Jane Cowl.</b> Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all dahlias.....	1.00	8.00
<b>Jean Kerr.</b> Pure white. The flowers are small, but many are produced on each plant. A good keeper and fine for floral work. Early, vigorous and insect resisting.....	1.20	10.00
<b>Jersey Beacon.</b> Chinese red with lighter shadings on reverse side which give a beautiful two-tone effect. Large flowers.....	1.20	10.00
<b>Jersey Beauty.</b> This fine pink variety is still the most popular of all. Very profuse bloomer.....	1.00	8.00
<b>Judge A. B. Parker.</b> Copper salmon tinged with gold. One that is always in bloom.....	1.00	8.00
<b>LaTorreador.</b> Vivid dashing red, profuse bloomer. Medium size, flat flower. Strong stem of medium length. One of the leading commercial red varieties.....	1.00	8.00
<b>Lida.</b> Large yellow. Must be seen to be appreciated.....	1.00	8.00
<b>Marshall's Pink.</b> Large globular flower of bright pink with silver sheen. Somewhat soft for early season commercial use but a beauty in the garden. Similar to Jersey's Beauty, but thicker blooms and larger.....	1.50	12.00
<b>Mrs. A. E. Wheeler.</b> Dark violet purple. Not well known as yet, but rapidly becoming very popular. Finest of the royal purple group.....	1.50	12.00
<b>Mrs. George LeBoutillier.</b> Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds.....	1.20	10.00
<b>Mrs. I. de Ver Warner.</b> Orchid pink with very large flowers. Well known and very popular.....	1.00	8.00
<b>Mrs. Wm. S. Knudsen.</b> A large pure white with a splendid record.....	1.80	15.00
<b>Nathan Hale.</b> Charming combination of bronze, golden and buff.....	1.00	8.00
<b>Oriental Glory.</b> Cadmium orange overlaid with scarlet. Good stems and very free blooming. Winner of many prizes at various shows.....	1.80	15.00
<b>Paramount.</b> Soft golden yellow. Perfect in growth and color.....	1.00	8.00
<b>Pride of Stratford.</b> Orange shading to orange-yellow at base of petals. An exhibition variety, very attractive. A good cut flower.....	1.00	8.00
<b>Red Jersey Beauty.</b> Bright red and similar in shape to Jersey Beauty.....	1.20	10.00
<b>Robert E. Lee.</b> Cardinal-red on strong stems. Good bloomer.....	1.50	12.00



## DAHLIAS—Continued

## DAHLIAS, DECORATIVE—Continued

	Per 10	Per 100
Robert Scott. Apricot yellow. Long stems. Fine for cutting.-----	\$ 1.00	\$ 8.00
Rose Glory. Large rose pink, extremely free blooming. Popular.-----	1.00	8.00
Salmon Supreme. Salmon-orange with shades of pink. Large blooms held well above foliage.-----	1.00	8.00
Sanhicans Bluebird. Beautiful large long stemmed Dahlia. The color is nearly blue.-----	1.00	8.00
Sanhicans Queen. Large, apricot and carmine rose.-----	1.50	12.00
Sultan of Hillcrest. Huge blooms of lemon yellow with reverse of rosy-pink. fine stems. Unique form with petals recurving to the stem.-----	1.50	12.00
Sunrays. Giant blooms of great depth and substance. The color is bright buff and apricot. Long, strong stems.-----	2.50	20.00
The Commodore. Clear yellow blooms of a large size.-----	1.20	10.00
Watchung Giant. Deep amber yellow. Suffused orange carmine, with dark green foliage.-----	1.50	12.00
White King. The leading pure white with commercial growers. The flowers are of perfect form and the right size for cut flower use. Full centered.-----	1.00	8.00
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect.-----	1.00	8.00

## DAHLIAS, POM POM

Amber Queen. Beautiful shade of rich amber.-----	1.00	8.00
Bobby. Very finely formed flowers of combination wine and purple red.-----	1.00	8.00
Catherine. A good, deep yellow.-----	1.00	8.00
Edith Muller. Rose-red and gold.-----	1.00	8.00
Gem. Rich, crimson. Very small perfect bloom.-----	1.00	8.00
Indian Chief. Wine red with white tips.-----	1.00	8.00
Little Harman. Red and white variegated.-----	1.00	8.00
Little Jewell. Apple blossom pink.-----	1.00	8.00
Spy. Orange-scarlet. Fine for cutting.-----	.80	8.00

## GLADIOLUS

Due to the unusual demand of Gladiolus, our supply is exhausted.

## MISCELLANEOUS BULBS

## AMARYLLIS.

These popular bulbs will bear blooms of immense proportion, of excellent form, with a brilliancy and range of color. We offer selected, improved H. & S. strain, California grown bulbs, 2½ to 3 inches.

	Per 10	Per 100	Per 1000
Scarlet -----	\$ 3.50	\$30.00	\$ -----
Red -----	3.50	30.00	-----
Variegated, white with pink stripes -----	3.50	30.00	-----
Mixed bulbs -----	2.90	25.00	-----

**BEGONIAS, TUBEROUS ROOTED.** These bulbs are assuming their old popularity. In addition to making a very fine pot plant, they are beautiful for outdoor bedding in shaded locations.

Bright red. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----
Carnation Pink. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----
Crimson dark red. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----
Pink. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----
Orange. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----
White. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----
Yellow. 1¼ to 1½ inch diameter.-----	1.40	12.00	-----

## CALADIUM.

Esculentum. 7 to 9 inches.-----	1.00	8.00	-----
Fancy Leaved. These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called picture-leaved Caladiums. Mixed. 1½ to 2 inches.-----	1.70	14.00	-----

## CALLA LILY.

Elliottiana. Yellow. 2 to 2½ inches.-----	1.20	10.00	-----
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## GLORIOSA SUPERBA ROTHSCILDIANA, Climbing Lily.

A splendid low climber, 5 to 6 feet high, producing lily-like flowers throughout summer and autumn, which open a bright yellow and red, changing to deep scarlet.

Strong Tubers -----	3.20	30.00	-----
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## MADERIA VINE

A tuberous bulb producing a multitude of viny growth.-----	.35	3.00	25.00
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## TUBEROSES (RG).

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size -----	.35	2.90	25.00
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# WITH THE NATION AT WAR

All civilian industries, including the Nursery business, are experiencing difficulties with manpower shortages, priorities, serious delays in transportation, etc.

The primary job is to win the war, and we are glad to do our part. Nursery products are essential to the war effort, and all of us must do everything we can to supply the demand.

We have a good force of willing workers, considering the labor shortage, and are making good progress but cannot handle orders for assorted lists of broken bundles. We have had to break in a good many order fillers and ask you to be patient as there may be some increase in mistakes and also some unavoidable delay.

L.C.L. Rail and Truck freight deliveries may be slower than usual. Plan for longer time enroute and when cost is not too great, have shipments forwarded via express.

Many varieties of stock are already short, and the number will increase as the season advances—when-ever feasible, specify a second choice in variety or grades. We shall make every effort to take care of our customers in a satisfactory manner.

**MOUNT ARBOR NURSERIES**

**E. S. Welch, President**

## NURSEYMEN'S SUPPLIES

Due to uncertainty of prices and securing delivery, we are unable to offer our usual listings of nurserymen's supplies. If in need of certain supplies, write for prices and complete information.

### BOXING CHARGES

30x30x12	\$5.50	24x24x10	\$4.00	20x20x8	\$3.00
30x30x10	4.75	24x24x8	3.40	20x20x6	2.35
30x30x8	4.00	24x24x6	2.90	16x16x10	2.75
30x30x6	3.40	20x20x12	4.00	16x16x8	2.25
24x24x12	5.00	20x20x10	3.25	16x16x6	2.10

### CORRUGATED BOXES

48x20x20	\$1.00	36x14x6	\$0.45	14x9x9	\$0.25
48x16x16	.85	30x8x8	.25	11x8x6	.20
36x15x15	.60	16x12x6	.25		

**BALES will be charged at actual cost.**



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Buckthorn	26	Herbs	76	" H. P.	57
Buddleia	26-27	Highbush Cranberry	40	" Hybrid Tea	54-57
Bulbs	76-78	Honeysuckle	32-41	" Misc.	59-60
Butterfly Bush	26-27	Honeysuckle Vines	43-44	" Rugosa	59-60
Butternut	23	Horse Radish	9	" Patented	62-66
<b>C</b>		Hydrangeas	32	" Stocks	10
Caladium	78	<b>I</b>		" Tree	66
Callicarpa	27	Ilex	32	Russian Olive	12-22-30
Calycanthus	27	Iris	72	<b>S</b>	
Campanula	69	<b>J</b>		Salix	12-33-37
Caragana	10-27-41	Japanese Quince	29	Shrubs	24-40
Catalpa	10-13	Juneberries	24	Silver Lace Vines	44
Ceanothus	27	Junipers	45-48-50-51	Small Fruits	8-9
Celastrus	42	<b>K</b>		Snowball	40
Cephalanthus	27	Kentucky Coffeetree	16	Snowberry	39
Cherries	5-6	Kerria Japonica	33	Sorbaria	38
Cherry Seedlings	9	Koelreuteria	16	Spirea	38-39-41
Chrysanthemums	69	Kolkwitzia	33	Spruce	49-52
Chionanthus	28	<b>L</b>		Strawberries	9
Clematis	42-43	Larch	48-51	Sumac	36-37
Cloverset Pots	66	Lespedeza	33	Sycamore	22
Coreopsis	70	Lilac	33-34	Symphoricarpos	39
Cornus	28	Lilies	76-77	Syringa (Mock Orange)	70
Corylus	29	Lily of the Valley	72	Sweet Williams	70
Cotoneaster	29	Linden	16-17	<b>T</b>	
Crab Flowering	14	Locust Black	11-17	Tamarix	39-40
Crataegus	22-23	Locust Honey	11-16	Taxus	50
Currants	8	Lupines	72	Thorn	22-23
Cydonia Japonica	29	<b>M</b>		Tritoma	75
<b>D</b>		Maderia Vines	78	Trumpet Vine	42
Dahlias	77-78	Mahaleb Seedlings	9	Tuberoses	78
Daphne	29	Maple	11-17-18	<b>V</b>	
Deciduous Trees	12-23	May Day Tree	21	Viburnum	40-41
Deciduous Tree Seedlings	10-11-12	Mazzard Seedlings	9	Vines	42-43-44
Delphinium	70	Mountain Ash	18	Viola	76
Desmodium	33	Mulberries	11-18	Virginia Creeper	42
Deutzia	30	Myrobolan	9	Vitex	41
Dewberries	9	<b>N</b>		<b>W</b>	
Dianthus	70	Ninebark	35	Walnut	12-33
Dicentra	10	<b>O</b>		Weigela	41
Digitalis	70	Oak	11-19	Willow	12-23-37
Dogwood	28	Osage Orange	11	Wisteria	44
				Witchhazel	32
				<b>Y</b>	
				Yew	50
				Yucca	76